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# A TABLE OF

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[No. 1.

Causes of Death	Age			Total	Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population to 1846.	5 Winters	Causes of Death.	Age			Total	Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population to 1846.	5 Winters
	0 to 15	15 to 60	60 and upwards					0 to 15	15 to 60	60 and upwards			
Weekly Average for 1846..	457	316	195										
ALL CAUSES.....	567	498	444	*1510	1068		IV.—Laryngitis .....	3	1	1	5	1	
SPECIFIED CAUSES .....	561	496	444	*1502	1061		Quinsey .....	3	..	..	3	1	
I.—Zymotic (or Epidemic, Endemic, and Contagious) Diseases.....	121	32	17	170	183		Bronchitis .....	35	45	83	163	39	
SPORADIC DISEASES—							Pleurisy .....	5	..	1	6	2	
II.—Dropsy, Cancer, and other Diseases of uncertain or variable Seat .....	75	30	37	142	112		Pneumonia .....	105	18	10	133	98	
III.—Diseases of the Brain, Spinal Marrow, Nerves and Senses ..	127	52	57	236	170		Hydrothorax .....	..	2	3	5	7	
IV.—Diseases of the Lungs, and of the other Organs of Respiration ..	173	221	157	551	354		Asthma .....	1	26	44	71	40	
V.—Diseases of the Heart and Blood-vessels .....	3	43	24	70	32		Phthisis (or Consump- tion) .....	46	118	7	141	147	
VI.—Diseases of the Stomach, Liver, and other Organs of Digestion ..	38	36	18	92	70		Disease of Lungs, &c....	5	11	8	24	19	
VII.—Diseases of the Kidneys, &c....	..	7	6	13	8		V.—Pericarditis.....	..	3	..	3	2	
VIII.—Childbirth, Diseases of the Uterus, &c. ....	..	16	2	18	12		Aneurism .....	..	..	..	..	1	
IX.—Rheumatism, Diseases of the Bones, Joints, &c. ....	1	8	5	14	7		Disease of Heart, &c. ....	3	40	24	67	30	
X.—Diseases of the Skin, Cellular Tissue, &c. ....	..	3	2	5	2		VI.—Teething.....	13	..	..	13	16	
XI.—Old Age .....	..	..	103	103	81		Gastritis .....	..	1	2	3	2	
XII.—Violence, Privation, Cold and Intemperance .....	23	48	16	*88	30		Enteritis .....	3	4	1	8	14	
I.—Small Pox .....	6	1	..	7	17		Peritonitis .....	1	7	..	8	2	
Measles .....	10	..	..	10	28		Tabes Mesenterica.....	14	2	..	16	8	
Scarlatina .....	16	..	..	16	26		Worms .....	1	..	..	1	.6	
Whooping Cough .....	42	..	..	42	47		Ascites .....	..	1	..	1	1	
Croup .....	5	..	..	5	9		Ulceration (of Intestines, &c.).....	..	3	..	3	2	
Thrush .....	4	..	..	4	3		Hernia .....	1	..	4	5	3	
Diarrhoea .....	6	1	4	11	7		Colic or Ileus .....	1	1	3	5	3	
Dysentery .....	1	1	1	3	2		Intussusception .....	..	..	..	..	.4	
Cholera .....	..	..	..	..	.3		Stricture (of the Intestinal Canal) ..	1	1	..	2	.5	
Influenza .....	2	..	6	8	3		Hæmatemesis.....	..	1	..	1	.8	
Ague .....	..	..	..	..	.4		Disease of Stomach, &c. ....	1	4	2	7	5	
Remittent Fever.....	2	..	..	2	.6		Disease of Pancreas .....	..	..	..	..	..	
Typhus .....	24	23	2	49	32		Hepatitis .....	..	2	1	3	2	
Erysipelas .....	2	6	4	12	6		Jaundice .....	1	..	1	2	2	
Syphilis .....	1	..	..	1	1		Disease of Liver, &c. ....	1	9	4	14	10	
Hydrophobia .....	..	..	..	..	.1		Disease of Spleen.....	..	..	..	..	.2	
II.—Hæmorrhage .....	1	4	2	7	2		VII.—Nephritis.....	..	..	..	..	.5	
Dropsy .....	2	7	7	16	32		Ischuria .....	..	..	..	..	.7	
Abscess .....	..	..	..	..	2		Diabetes .....	..	..	1	1	.6	
Noma .....	..	..	..	..	.2		Cystitis .....	..	..	..	..	.4	
Mortification .....	2	1	5	8	4		Stone .....	..	..	..	..	.4	
Purpura .....	..	..	..	..	.3		Stricture (of the Urethra).....	..	2	..	2	.9	
Scrofula .....	1	1	1	3	3		Disease of Kidneys, &c. ....	..	5	5	10	5	
Cancer .....	..	7	8	15	12		VIII.—Childbirth .....	..	14	..	14	8	
Tumour .....	..	..	..	..	1		Parametria .....	..	..	..	..	.2	
Gout .....	..	..	1	1	1		Ovarian Dropsy .....	..	1	..	1	.8	
Atrophy .....	11	1	1	13	12		Disease of Uterus, &c. ....	..	1	2	3	2	
Debility .....	35	3	..	38	23		IX.—Arthritis .....	..	..	..	..	.1	
Malformations .....	3	..	..	3	2		Rheumatism .....	..	5	3	8	3	
Sudden Deaths (including Coroners' Inquests, in which it is not shewn from what diseases or causes the persons died.)	20	6	12	38	16		Disease of Joints, &c. ....	1	3	2	6	4	
III.—Cephalitis .....	6	4	1	11	12		X.—Carbuncle .....	..	..	1	1	.1	
Hydrocephalus .....	40	..	..	40	37		Phlegmon .....	..	..	..	..	.2	
Apoplexy .....	2	18	27	47	24		Ulcer .....	..	2	..	2	.8	
Paralysis.....	..	14	19	33	22		Fistula .....	..	..	..	..	.4	
Convulsions.....	67	..	..	67	54		Disease of Skin, &c.....	..	1	1	2	.6	
Tetanus .....	..	..	..	..	.5		XI.—Old Age .....	..	..	103	103	81	
Chorea .....	..	..	..	..	.1		XII.—Intemperance.....	..	3	..	3	.9	
Epilepsy .....	3	4	3	10	5		Privation.....	..	3	1	4	.7	
Insanity .....	..	2	1	3	1		Violent Deaths .....	23	42	15	*81	28	
Delirium Tremens.....	..	2	..	2	2		Causes not Specified.....	6	2	..	8	6	
Disease of Brain, &c. ....	9	8	6	23	12								

		5 Winters.
{	Males .....	542
	Females .....	526
	Total	1068

Males .....	759
Females .....	751
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Total..	1510

Males .....	861
Females .....	789
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Total..	1650

Deaths registered in this the first week of the first quarter, and in each of the corresponding weeks of the same quarter of the seven preceding years:—

(1840)	(1841)	(1842)	(1843)	(1844)	(1845)	(1846)	(1847)	(average of the series of weeks, exclusive of the last) 1072
967	1101	973	860	922	1417	1153	1510	

\* The age of 1 person, whose death is assigned to violence, is not stated.

NOTE.—The present table contains births and deaths in the *sub-district* of Hampstead; also those in the *sub-districts* of Plumstead and Charlton, Lee, Lewisham, Eltham, and Sydenham, now added for the first time. The last five *sub-districts* form the *DISTRICT* of LEWISHAM. The whole increase arising from these additional returns, amounts to 33 births and 17 deaths for the present week.

## DISTRICTS OF THE METROPOLIS,

Comprising 135 Registrars' Districts.

		Area in square Miles	Population Enu- merated in 1841	Weekly Average derived from Deaths of 1842-5, and corrected for Increase of Population to 1846.	DEATHS registered in the Week	BIRTHS registered in the Week
				5 Winters		
WEST DISTRICTS	{ Kensington; Chelsea; St. George, Hanover-square; Westminster; St. Martin in the Fields; St. James	17.2	301,326	158	202	225
NORTH DISTRICTS	{ St. Marylebone; St. Pancras; Islington; Hackney; part of Edmonton, viz. Hampstead	20.5	376,396	203	268	290
CENTRAL DISTRICTS	{ St. Giles and St. George; Strand; Holborn; Clerkenwell; St. Luke; East London; West London; City of London	2.8	374,759	198	293	277
EAST DISTRICTS	{ Shoreditch; Bethnal Green; Whitechapel; St. George in the East; Stepney; Poplar	8.8	393,247	222	361	383
SOUTH DISTRICTS	{ St. Saviour; St. Olave; Bermondsey; St. George, Southwark; Newington; Lambeth; Wandsworth and Clapham; Camberwell; Rotherhithe; Greenwich; Lewisham	66.2	502,483	287	386	475
TOTALS		115.5	1,948,211	1068	1510	1650

Births and Deaths not caused by Violence, registered in the Metropolis in the last 13 weeks, with the Mean Temperature for the same periods.

	10th Oct.	17th Oct.	24th Oct.	31st Oct.	7th Nov.	14th Nov.	21st Nov.	28th Nov.	5th Dec.	12th Dec.	19th Dec.	26th Dec.	2nd Jan.
BIRTHS.....	1178	1287	1337	1345	1381	1429	1303	1273	1350	1252	1311	1192	1650
DEATHS (except from Violence).....	874	802	864	948	917	893	941	921	1023	1123	1223	1228	1429
Diarrhoea.....	57	35	30	26	19	15	17	13	15	22	22	17	11
Dysentery.....	3	3	5	3	1	5	5	3	2	1	3	1	3
Cholera.....	2	2	2	1	..	1	..	1	1	1	1	..	..
Typhus.....	41	45	61	55	47	48	58	42	48	59	34	43	49
Mean Temperature.....	56.4	50.5	49.1	43.2	49.1	44.1	47.8	45.8	32.0	35.9	29.9	36.3	29.0

## EXTRACTS FROM THE METROPOLITAN RETURNS OF THE PREVIOUS WEEK, No. 52.

(The tabular abstract on the first page is for the week ending Saturday, Jan. 2nd. The following selection of cases is made from the returns for the week ending Dec. 26th.)

## RETURNS OF VIOLENT DEATHS, MADE CHIEFLY BY CORONER.

duration	duration	duration
Fractures and Contusions:—	Fractures and Contusions (continued):—	Drowning (continued):—
In St. Bartholomew's Hospital, labourer, 27, fracture of the skull, and inflammation of the membranes of the brain, caused by falling down whilst intoxicated, in Widegate street, Bishopsgate (post mort.)..... 7 days	F. 70, gangrene in the hand from splinter (no inquest.)..... *	Son of a labourer, 11, drowned in the River Thames, from accidentally falling off the floating pier, at Bellwater Gate, Woolwich—under water 6 hours.
Seaman, 16, fracture of the skull and spine by a fall from the foretop sail yard of a schooner in the River Thames, accidentally..... 5 days	In St. George's Hospital, M. 29 { fracture of inner condyle of femur..... 4 weeks synovitis..... 4 weeks secondary abscesses (p. m.)..... 5 days	Sawyer, 40, found drowned in the River Thames at Woolwich.
F. cook, about 69, general break up of the constitution..... *	No inquest.—How was the fracture caused?	Son of a bricklayer's labourer, 9, peritonitis from having accidentally fallen into the water in the spring well, Clapham Common, accelerated by subsequent exposure to cold..... 15 days
accelerated by a fall down stairs (post mort.)..... 17 hours	M. 42, epilepsy from fractured skull.... 32 years since	
Bricklayer's labourer, 35, sloughing and urinary infiltration of the perineum after an operation for relieving the bladder subsequent to injury there from falling across a plank through slipping at work..... 17 days	No inquest.—How was the fracture caused?	
Wife of a cabinet-maker, 40, fracture of her skull and injury to the brain by falling down stairs in a state of intoxication..... *	Wounds:—	Hanging and Suffocation:—
In St. Bartholomew's Hospital, labourer, 45, fracture of his spine caused by a plank falling on him whilst pushing a float of timber at Whitefriars (post mort.)..... 3 months	In St. Bartholomew's Hospital, pensioner of the East India Company, 84, bronchitis brought on by cutting his throat and abdomen, at King street, St. Luke's, (in temporary insanity)..... 36 hours	Widow of a carpenter, about 40, hanging herself by a handkerchief to an iron bar, in a cell at the station (in temporary insanity) died in a few minutes
Floor-cloth painter, 36, internal injuries in the chest from a piece of floor-cloth of 4 cwt. accidentally falling on him..... 4 days	Wife of a jeweller, 59, suicide by cutting her throat in temporary derangement..... *	M. 5 mon., accidental death from smothering in a bed.
In St. Bartholomew's Hospital, M. (employed in a ribbon warehouse) 14, rupture of his stomach and liver, being run over by an omnibus in Cheapside (post mort.)..... 6 hours	Major in the 47th regiment of Madras Native Infantry, 43, shot himself in the heart with a pistol in temporary insanity..... instant	Daughter of a carpet planner, 1, uncertain—was feeding with broth sop—suddenly struggled and died..... almost instantly choked? by the food—teething (post mort.)
Son of a labourer, 12, lacerated cheek by a horse stepping on it, when he had fallen accidentally in leading it, erysipelas ensuing..... 12 days	Drowning:—	Burns and Scalds:—
Daughter of a deal-porter, 9, injuries to the head and chest from being thrown down by a bullock..... instant	Call boy of the "Laurel" steamboat, 17, drowned by falling out of a boat into the River Thames accidentally..... 4 days	Son of a coppersmith, 4, injuries from being accidentally burnt..... 20 hours
Stoker 46, { injuries in the head from being crushed in the machinery of the steam engine on board the Little Western in the Thames accidentally..... 5 days inflammation of the brain..... *	Son of a waterman, 18, accidentally drowned in the River Thames, by falling out of a ballast lighter.	Daughter of a builder, 3, injuries received from being accidentally burnt..... *
In St. Bartholomew's Hospital, M. (employed at a paper glazer's) 15, constitution weakened by an accidental laceration of his right hand by machinery, and amputation of his right arm..... 2 days	Fisherman's apprentice, 21, drowned by the upsetting of a fishing boat at sea, in a gale of wind.	Son of a blacksmith, 4, accidental death by scalds from drinking hot water from a kettle..... *
	Labourer about 30, apparently from drowning—no evidence.	Daughter of a wheelwright, 4, accidental death from scalds by coffee..... 3 weeks
	Engineer, 41, accidentally drowned in the River Ravensbourne (in water 10 minutes).	M. 1, { scald..... 3 days convulsions (no inquest—the cause of injury should have been stated.)
	Stoker, 35, accidentally drowned in the River Thames, by falling off a pier-barge at East Greenwich (under water 22 days).	Improper Food:—
	Apprentice seaman, 16, accidentally drowned in the River Ravensbourne, having fallen overboard (under water 2 hours).	F. 22, natural death—accelerated by eating unboiled rice, which, being undigested, caused distension and inflammation of the stomach..... *
	F. 30, suicide by drowning herself in the River Thames, being of unsound mind.	Fright:—
	M. 11 mon., wilfully murdered by his mother by drowning. (The Registrar adds that the child was tied round the body of his mother, who committed suicide, as stated in the case immediately foregoing.)	Daughter of a labourer, 2, shock to the nervous system from a fright..... 13 days from seeing a boy in a red mask.

## CORONERS' RETURNS OF DEATHS BY DISEASE, IN WHICH THE CAUSES ARE ASSIGNED.

duration	duration	duration
In Westminster House of Correction, F. prisoner, 43, serous apoplexy (post mort.)..... 16 hours	F. 7 mon., disease of lungs, and probably of heart (died suddenly)..... *	M. 1, natural death—convulsive fit—subject thereto..... *
F. 34, disease of heart and lungs (post mort.)..... *	F. 62, natural death—sudden, from diseased heart..... *	M. 11 wks., natural death—disease of the chest..... 3 hours
M. 50, apoplexy..... *	F. 50, natural death—sudden, from dropsy..... *	F. 82, natural death—old age and decay of nature—found dead in bed..... *
F. 44, erysipelas and typhus fever..... *	F. 40, natural death—pneumonia..... *	F. 31, natural death—rupture of a blood vessel of the heart..... instant
F. 50, disease of the heart..... *	F. 61, suddenly, from natural causes—cerebral apoplexy..... 12 1/2 hours	F. 28, natural death—disease of the chest..... 30 minutes
M. 1 mon. inanition..... from birth	F. about 60, apoplexy..... 1 1/2 hours	M. 64, natural death from a fit..... a few minutes
M. 68, effusion of serous fluid into the pericardium, pressing on a greatly dilated and hypertrophied heart—died suddenly (p. m.)..... *	M. 43, natural death—sudden, from effusion on the brain..... *	F. 5 mon., natural death from a convulsive fit..... *
M. 40, apoplexy—rode home in a cab after drinking—attack lasted..... 20 minutes	M. 57, natural death by the visitation of God—apoplexy..... *	M. 40, bursting of a blood vessel..... 1 hour
F. 29, disease of the heart—not under medical treatment..... *	F. 8 mon., natural death—sudden, from convulsions in teething..... *	M. 13, disease of lungs and heart (post mort.)..... 2 hours
F. 48, natural—presenting symptoms of disease of the heart—fell while preparing a meal, and died instantly..... *	M. 40, sudden death from diseased heart..... *	In the following cases of Convicts, the causes of death, though returned by the Coroner, are copied from the Certificates of the Surgeon to the Unité Hospital Ship.
M. 38, pulmonary hæmorrhage..... *	M. 9 wks., natural death from umbilical hernia..... *	M. 38, phthisis..... 9 months
F. 70, natural death from diseased heart..... *	M. 48, natural death—sudden, from asthma..... *	M. 23, typhus fever..... 16 days
M. about 50, natural death—the deceased had cold and cough..... 2 weeks	M. 64, natural death—sudden, from asthma..... *	M. 65, bronchitis..... 5 days
	M. 2, natural death—apoplexy—effusion of blood on the surface of the brain (post mort.)..... *	

## CORONERS' RETURNS, IN WHICH (ALTHOUGH INQUESTS WERE HELD) IT DOES NOT APPEAR TO HAVE BEEN ASCERTAINED FROM WHAT DISEASES OR CAUSES THE PERSONS DIED.

duration	duration	duration
M. 4 mon., natural causes..... *	M. 41, found dead in bed, without marks of violence..... *	M. 4 mon., found dead—natural causes..... *
M. 73, suddenly, from natural causes..... *	M. 80, found dead without marks of violence..... *	New-born child (sex unknown), found dead in a ditch, near Mount Pond, Clapham Common—cause of death could not be discovered, the body being in a very advanced state of decomposition.
M. 63, found dead in his bed—natural causes..... *	M. 71, natural death by the visitation of God—precise cause not known..... *	
F. 64, suddenly, from natural causes..... *	M. 75, found dead without marks of violence..... *	
F. 11 wks., suddenly, from natural causes..... *	M. 60, suddenly, from natural causes..... *	
F. 70, natural—not under medical treatment—suddenly insensible, and died instantly.		

# THIRTEEN HOSPITALS.—CAUSES OF DEATHS AS RETURNED BY THE MEDICAL OFFICERS.

NOTE.—Under former heads are placed all deaths in hospitals on which inquests were held; also deaths in hospitals following injury, though inquests were not held.

St. George's H.:	duration	Small Pox H.:	No deaths registered.	St. Thomas' H.:	duration
M. 43, diffuse cellular inflammation of the leg	*	King's College H.:	No deaths registered.	M. 40, pleuro-pneumonia—bronchitis.	*
M. 31, diabetes mellitus	probably 15 months	St. Bartholomew's H.:		M. 43, pneumonia	*
M. 35, low pneumonia	9 days	M. 26, phthisis	*	M. 45, suppurative within the abdomen, probable	*
M. 40, inflammation of the testicle	*	M. 40, disease of the kidney	*	M. 39, { bronchitis	of long duration
M. 40, abscess of the scrotum	*	M. 34, disease of the liver	*	M. 39, { old injury to leg.	*
M. 50, pneumonia	*	M. 35, disease of the heart	*	F. 30, { phthisis	*
M. 50, no history of the case could be obtained	*	M. 22, phlebitis	*	F. 30, { menorrhagia	6 months
M. 50, she died within a few hours after admission.	*	M. 19, { strangulated hernia	*	F. 33, typhus fever.	*
M. 28, acute rheumatism	*	M. 19, { operation.	*		
Westminster H.:		M. 19, { peritonitis	*	Dreadnought H.:	
M. 31, (cause of death unknown)	*	M. 37, abdominal abscess.	4 months	M. 37, { prolapsus after dysentery	*
M. 47, bronchitis	*	F. 19, scarlatina anginosa.	*	M. 37, { excision	2 weeks
M. 23, morbus cordis.	*	London H.:		M. 37, { erysipelas	6 days
Charing Cross H.:		M. 19, hæmatemesis	*	M. 27, { ulceration of large and small bowels	with hæmorrhage, (post mort.)
M. 39, rheumatic fever	2 or 3 months	M. 36, diseased foot	*	M. 27, { peripneumonia notha.	7 days
Middlesex H.:		M. 30, diabetes, insipid.	*	M. 27, { emphysema	3 months
M. 18, (not yet reported)	*	Guy's H.:		M. 51, { phthisis	3 months
M. 65, emphysema—bronchitis.	*	M. 16, consumption	*	M. 51, { pleuropneumonia (right)	12 days
M. 54, cancer mamma	*	M. 5, diseased heart—dropsy	*	M. 51, { cavities in right lung (post mort.)	*
University College H.:	No deaths registered.	M. 48, phthisis	*		
Fever H.:	No deaths registered.	F. 1, convulsions	*		
		F. 60, pneumonia—bronchitis	*		
		F. 38, diseased heart—dropsy	*		

See Return of Unité Convict Hospital Ship in the lists of Coroners' cases.

## DEATHS BY SMALL POX, DIARRHŒA, DYSENTERY, CHOLERA, TYPHUS, ETC., SYPHILIS, HÆMORRHAGE, MALFORMATION, HERNIA, DIABETES, STONE, CHILDBIRTH, DELIRIUM TREMENS, INTemperance, PRIVATION, ETC.

Small Pox:	duration	Typhus (continued):	duration	Diabetes:	duration
M. 18 mon, { confluent small pox	about 11 days	F. 8, { fever.	13 days	See Hospital Returns.	
M. 19, { confluent small pox	9 days	M. 4, { pneumonia	6 days	Stone:—	
M. 19, { second attack—vaccinated in infancy.	*	M. 4, synochus—typhus and effusion in the cavities	*	No deaths registered from this cause.	
Diarrhœa:—		F. 4 mon, fever.	5 days	Childbirth:—The time elapsing from commencement of labour to death should invariably be returned.	
M. 10 weeks, bowel complaint	*	M. 44, { typhus	24 days	F. 40, puerperal fever	5 days
M. 9 days, diarrhœa	4 days	M. 44, { bronchitis	16 days	F. 32, { in labour (12 hours)	*
M. 14 days, bowel complaint—debility—convulsions.	14 days	M. 21, { pneumonia	5 days	F. 32, { arachnitis	36 hours
M. 6 mon, diarrhœa	4 days	M. 21, fever	3 weeks	F. 40, { birth of a still-born male child	*
M. 86, natural declension from age—diarrhœa, 1 month	*	M. 20, typhus fever	*	F. 40, { supposed laceration of the uterus.	*
F. 90, diarrhœa (and age).	*	F. 12, { febris.	3 weeks	F. 24, puerperal fever, 7 days after confinement	*
F. 8 mon, diarrhœa from dentition.	*	M. 62, low fever (gastric).	2 months	F. 29, uterine hæmorrhage after delivery	*
M. 10 weeks, diarrhœa.	3 weeks	F. 101, { common fever.	3 weeks	F. 31, childbirth.	14 hours
M. 73, diarrhœa.	*	M. 68, typhus fever	14 days	F. 30, premature labour—hæmorrhage	10 days
F. 45, diarrhœa	*	F. 64, typhus	8 days	F. 28, puerperal mania	12 days
M. 73, diarrhœa	1 week	F. 71, old age, and low typhus fever.	8 days	F. 22, peritonitis supervening on parturition.	7 days
M. 1 month, diarrhœa	10 days	F. 69, old age, and low typhus fever.	8 days	F. 22, { lying in	7 days
M. 11 weeks, diarrhœa	1 month	F. 1, fever	10 days	F. 22, { puerperal peritonitis	3 days
M. 14, diarrhœa	*	M. 18, typhus fever	*	F. 38, childbirth.	*
F. 4 mon, { deficiency of nourishment	4 days	M. 56, fever	*	F. 32, { difficult labour and exhaustion.	*
F. 1, { diarrhœa (post mort.)	4 days	F. 5, fever—convulsions	*	F. 32, { placenta presentation and hæmorrhage,	(post mort.) 3 weeks
F. 1 mon, diarrhœa	1 week	F. 19, typhus fever	*	F. 27, { childbirth	5 days
Dysentery:—		M. 35, typhus fever	10 days	F. 27, { puerperal fever.	3 days
See Dreadnought Hospital Returns.		F. 62, typhus	*	F. 35, puerperal peritonitis	4 days
Other cases of diarrhœa not assigned to this head in abstract:—		F. 2, fever—brouchitis	14 days	F. 38, inflammation of the lungs from cold, after her confinement	*
M. 10 mon, { strumous tuberculation of lungs	10 weeks	M. 18, fever	1 week	F. 35, { constipation	*
M. 10 mon, { and abdomen.	1 week	M. 2, typhus fever	*	F. 35, { puerperal apoplexy	24 hours before death
F. 60, { apoplexy	6 years.	M. 16, common inflammatory fever.	*	F. 35, { delivered	5 days
M. 42, phthisis—diarrhœa	12 days	M. 37, typhoid fever.	14 days	F. 44, { 3 or 4 days after a fall between 5th and 6th months of pregnancy—accompanied by hæmorrhage—subsequently fever and exhaustion.	*
M. 8, { phthisis	2 months	M. 16, typhus fever	2 weeks		
M. 8, { diarrhœa	1 weeks			Delirium tremens:—	
F. 62, diarrhœa—necrosis tibiae	*	Remittent Fever:—		M. 57, delirium tremens	4 days
M. 5 mon, eczema—diarrhœa.	several weeks	M. 2, bilious remittent fever	8 days	M. 31, delirium tremens	3 months
F. 63, { disease of the mucous lining of the	*	Syphilis:—		F. 38, delirium tremens.	2 months
F. 63, { bowels	*	F. 69, hæmorrhage:—		F. 57, delirium tremens—exhaustion	*
F. 57, { diarrhœa	14 days	F. 1, general hæmorrhagic diathesis—discharge of blood from nose, ears, bowels, and from pustules in the neck and hip—catarrh	*		
F. 57, { disease of brain	*	See Coroners' Returns.		Intemperance:—	
M. 73, { paralysis	*	Malformation:—		No deaths registered from this cause	
M. 73, { diarrhœa (progressive)	*	F. 3 days, cyanosis.	*	Privation:—	
M. 73, { debility from age.	*	M. 13 days, cyanosis.	*	No deaths registered from this cause.	
Hepatitis and Cholera:—		M. 8 mon, malformation and gradual decay, from the birth.	*	Lodging in crowded apartments:—	
F. 67, hepatitis chronic—cholera.	*	Hernia:—		bronchitis	7 years
Typhus, &c.:—		F. 48, { femoral hernia (right side)	20 years	last attack.	5 days
M. 56, typhus fever	8 weeks	F. 48, { strangulation	4 days	F. 69, { the condition of deceased was rendered much worse from being one of 11 persons living, cooking, and sleeping in 2 rooms 9ft. square, in a close court in St. James', Clerkenwell.	*
F. 31, typhus	14 days	M. under 1, rupture of the navel.	24 hours	{ bronchitis following pertussis	4 months
F. 29, fever.	15 days	M. 15, { strangulated hernia	30 min.	{ last attack.	7 days
F. 13, fever.	2 weeks	M. 69, hernia	4 days	F. 8 mon, { teething. One of the 11 persons mentioned above.	*
M. 39, fever—inflammation of the lungs.	12 days	M. 3 mon, { pneumonia	12 days		
M. 12, { febris	2 weeks	M. 3 mon, { cerebral effusion	1 day	Miscellaneous causes:—	
M. 12, { hydrocephalus	10 weeks	F. 69, strangulated femoral hernia (post mort.)	7 days	F. 56, erysipelas—inflammation and spasm of the cardiac end of the gullet—inability to take food—atrophy	5 months
F. 65, typhus	*	F. 66, { femoral hernia	*	{ tubercular disease of liver	*
F. 3, inflammation—fever.	*	F. 66, { enteritis.	12 days	F. 51, { jaundice	4 days
F. 50, fever—chronic bronchitis—diseased liver	*			{ serous effusion in the brain	1 day
F. 5, typhus fever	14 days	See Returns of Coroner, and of St. Bartholomew's Hospital.		M. 7 mon, porrigo favosa, with extensive formation of abscesses	6 months
F. 10, bilious fever.	7 days				
F. 30, continued fever	*				
M. 35, brain fever—effusion in the brain	*				

## RETURNS AFTER POST MORTEM EXAMINATION, IN ADDITION TO THOSE WHICH ARE DISTINGUISHED ABOVE.

F. 40, cancerous stricture of the colon	duration	M. 4 mon, { tabes mesenterica	duration	M. 40, dropsy of the pericardium	duration
M. 69, { chronic bronchitis	5 years	M. 4 mon, { tubercular meningitis.	*	M. 48, { rheumatism	11 months
M. 65, { dilatation of right ventricle, with softening.	14 days	F. 63, stricture, with ulceration of the rectum	5 days	M. 48, { pericarditis	3 weeks
M. 65, { acute bronchitis	6 days	M. 8 mon, encephalitis.	27 days	M. 48, { epileptic convulsions	6 hours
M. 57, phthisis pulmonalis	1 year	M. 77, hypertrophy of heart—ossified coronary arteries—general dropsy—spasmodic asthma—interlobular emphysema	2 years	F. 70, { emphysema of the lungs	7 years
M. 66, chronic bronchitis—hypertrophy of left ventricle	*	F. 17, { tumor ovarii	15 months	F. 70, { bronchitis	3 weeks
P. 37, asthma and pneumonia	14 days	F. 17, { febris continua.	14 days	F. 70, { congestion of the lungs	1 day
M. 1, { pneumonia	7 days	F. 17, { enteritis.	7 days	M. 73, { effusion on the brain	*
M. 1, { anasarca.	4 days	F. 17, { peritonitis.	3 days	M. 13, { paralysis	3 weeks
M. 1, { congested kidneys.	*	M. 40, hepatitis, nephritis, inflammation of the lungs	*	M. 13, { tubercular meningitis	7 years
				F. 53, { dropsy—bronchitis	7 years
				F. 53, { partial paralysis	3 weeks
				M. 3 mon, pneumonia	3 days

# METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, During the Week ending Saturday, 2nd January, 1847.

Day.	Phases of the Moon	Mean height of the Barometer, from 12 Observations (corrected and reduced to 32 degrees Fahrenheit.)	Readings of Thermometers								Difference between the Dew Point Temperature and Air Temperature			Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 25 years	WIND						Mean Amount of Cloud, 0-10	Rain in inches, read at 9 o'clock the next morning		
			Dry			Dew Point Mean from 12 Rts	Highest in the sun, as shown by a self-register- ing Thermometer	Lowest on the grass, as shown by a self-register- ing Thermometer	In the Water of the Thames at Greenwich, by the self- registering Thermometer, read at 9 o'clock next morning	Mean of 12 Diffs.	Greatest	Least	General Direction		Pressure in lbs. on the square foot			Amount of Horizontal Movement of Air in each day						
			High- est from 12 Obs.	Low- est from 12 Obs.	Mean from 12 Obs.								A.M.		P.M.	Greatest	Least		Mean of 12 Obs.					
1846																								
DECEMBER			in.	o	o	o	o	o	o	o	o	o	o	o				lbs.	lbs.	lbs.	Miles			
SUN.	27							21.0		33.5					Calm and N. W.	Calm	0.1	0.0	0.0	15	9.0	0.00		
MON.	28		30.384	34.0	23.3	29.5	26.3	45.5	23.0	33.5	3.2	5.7	0.0	-5.9	S.W. and Calm	Calm	0.0	0.0	0.0	35	9.8	0.01		
TUES.	29		30.386	37.6	28.5	33.1	29.4		24.5	33.5	3.7	6.4	0.7	-2.4	Calm	Calm	0.0	0.0	0.0	110	8.9	0.01		
WED.	30		30.477	31.9	24.0	28.5	21.5		11.0	33.2	7.0	12.5	3.7	-9.0	Calm	Calm	0.0	0.0	0.0	35	9.1	0.00		
THU.	31	1847 JANUARY	30.414	31.6	20.0	25.2	18.1	41.8	16.2	33.0	7.1	13.3	4.6	-12.1	Calm	Calm	0.0	0.0	0.0	15	3.1	0.00		
FRI.	1	Full	30.15	35.1	19.0	27.1		42.5	22.5	33.0				-9.0	Calm	Calm	0.0	0.0	0.0	60	9.5	0.01		
SAT.	2		29.85	34.0	27.0	30.5		21.5	33.5	33.0				-5.2	Calm and E.N.E.	Calm	0.1	0.0	0.0	180	10.0	0.00		
MEANS			30.277	34.0	23.6	29.0	23.8	43.3	20.0	33.2	5.3	9.5	2.3	-7.3	†						Sum 450	8.5	Sum 0.03	

DAY	ELECTRICITY	Circumstances accompanying the exhibition of Electricity	GENERAL REMARKS
SUN.	The electricity was slightly positive during the morning, but nothing was shewn at any other times.	} See General Remarks.	The sky was principally covered with cirrostratus, scud, and fleecy clouds throughout the day.
MON.	Positive and very active throughout the day.	} See General Remarks.	With the exception of a short time about 11h. a.m., when the clouds were slightly broken, the sky was covered with cirrostratus and scud throughout the day. A fog was prevalent in the morning.
TUES.	Nothing was shewn till 8h. a.m. Positive and very active from that time till 6h. p.m., and slightly positive during the remainder of the day.	} See General Remarks.	Overcast with cirrostratus and dense scud till 8h. a.m. The clouds were extensively broken from this time till after noon, when the sky again became overcast, and remained so.
WED.	Positive but very weak till 3h. p.m., but positive with tension very strong during the remainder of the day.	} See General Remarks.	Overcast with cirrostratus and scud till 9h. p.m. Before 10h. p.m. the sky became suddenly cloudless, and remained so till midnight. The barometer reading was exceedingly high throughout the day. The maximum occurred at 9h. 42m. a.m.
THURS.	Positive and tension strong, except from noon till 6h. p.m., when it was positive but weak.	} See General Remarks.	Cloudless till 4h. p.m. At 5h. p.m. a large portion of the sky was covered with cirrostratus and fleecy clouds, and it became quite overcast at 6h. p.m., and remained so till midnight.
FRID.	Positive and tension moderate at every examination.	} See General Remarks.	The sky was generally overcast with cirrostratus and fleecy clouds throughout the day. Snow was falling occasionally during the afternoon.
SAT.	Positive but very weak at each examination.	} See General Remarks.	Generally overcast throughout the day.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The amount of clouds is estimated by considering a clear sky to be represented by 0, a cloudy sky by 10; and when partially cloudy by estimating the number of tenths of the whole sky covered with cloud. The observations are taken every two hours, day and night.

The readings of the two self-registering thermometers, the one placed in the full rays of the sun, and the other placed on grass fully exposed to the sky, are taken every morning at 9 A.M., and therefore exhibit the highest and lowest readings respectively, that have occurred in the previous 24 hours. They are, however, placed here opposite to the civil day which precedes that on which the thermometers are read. The thermometer placed in the full rays of the sun, was out of order the greater part of the week.

Whewell's anemometer (from the indications of which the estimation of horizontal movement is made) is read at 10 A.M., and the result given is for the 24 hours preceding. It is placed here opposite to the civil day, which precedes that on which the anemometer is read.

The average temperature for 25 years is furnished by Mr. Henry, Assistant at the Royal Observatory, from the observations made at his residence in the neighbourhood of Greenwich Park.

\* In reading the 16th column, it will be borne in mind that + is read "higher," and - "lower," than the average.

The temperature of the water of the Thames is ascertained by the use of a self-registering thermometer, suspended from the side of the Dreadnought Hospital Ship, at the depth of about 2 feet below the surface. The maximum thermometer was out of order during the week.

The readings of this instrument are registered under the superintendence of Lieutenant Sanders, R.N., Superintendent of the Dreadnought. The mean reading of a thermometer placed on the mainmast, and read each day, from December 28th to Jan. 1st, inclusive, at 6h. 30m. A.M., was 28.4; and the mean reading at 7h. 30m. P.M., was, from Dec. 28th to Dec. 31st, inclusive, 32.0; the mean readings at the Royal Observatory for the same times were 26.4 and 29.6 respectively.

† The air was generally calm throughout the week.

On Jan. 1st the regular observations were discontinued for the purpose of examining the adjustments of the magnetic and meteorological instruments. A few barometrical readings are taken daily, so as to give an approximation to the mean height: the maximum and minimum temperature of each day are also taken, by means of self-registering thermometers, and inserted as the highest and lowest readings each day, and their arithmetical mean is taken and considered to represent the mean daily readings.

A TABLE OF  
Births and Deaths registered in London,  
During the Week ending Saturday, January 9th, 1847.

ANNUAL SERIES VIII.]

PUBLISHED BY AUTHORITY OF THE REGISTRAR GENERAL

[No. 2]

Causes of Death	Age			Total	Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population to 1846.	5 Winters	Causes of Death.	Age			Total	Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population to 1846.	5 Winters
	0 to 15	15 to 60	60 and upwards					0 to 15	15 to 60	60 and upwards			
ALL CAUSES.....	511	480	394	*1386	1068		IV.—Laryngitis .....	4	1	..	5	1	
SPECIFIED CAUSES .....	508	479	393	*1381	1061		Quinsey .....	..	1	..	1	1	
I.—Zymotic (or Epidemic, Endemic, and Contagious) Diseases.....	117	28	19	164	183		Bronchitis .....	40	58	70	168	39	
SPORADIC DISEASES—							Pleurisy .....	2	2	..	4	2	
II.—Dropsy, Cancer, and other Diseases of uncertain or variable Seat .....	46	27	21	94	112		Pneumonia .....	103	19	14	136	98	
III.—Diseases of the Brain, Spinal Marrow, Nerves and Senses ..	107	45	40	192	170		Hydrothorax .....	..	4	3	7	7	
IV.—Diseases of the Lungs, and of the other Organs of Respiration ..	178	275	158	611	354		Asthma .....	1	37	50	88	40	
V.—Diseases of the Heart and Blood-vessels .....	4	34	29	67	32		Phthisis (or Consump- tion) .....	24	145	7	174	147	
VI.—Diseases of the Stomach, Liver, and other Organs of Digestion ..	43	31	16	90	70		Disease of Lungs, &c. ....	4	10	14	28	19	
VII.—Diseases of the Kidneys, &c. ....	1	11	7	19	8		V.—Pericarditis.....	..	2	..	2	2	
VIII.—Childbirth, Diseases of the Uterus, &c. ....	..	14	3	17	12		Aneurism .....	..	1	1	2	1	
IX.—Rheumatism, Diseases of the Bones, Joints, &c. ....	2	6	5	13	7		Disease of Heart, &c. ....	4	31	28	63	30	
X.—Diseases of the Skin, Cellular Tissue, &c. ....	1	2	1	4	2		VI.—Teething.....	17	..	..	17	16	
XI.—Old Age .....	..	..	91	91	81		Gastritis .....	1	1	2	4	14	
XII.—Violence, Privation, Cold and Intemperance .....	9	6	3	*19	30		Enteritis .....	5	7	2	14	2	
I.—Small Pox .....	2	1	..	3	17		Peritonitis .....	..	4	..	4	2	
Measles .....	14	..	..	14	28		Tabes Mesenterica.....	16	..	..	16	8	
Scarlatina .....	20	2	..	22	26		Worms .....	1	..	..	1	6	
Whooping Cough .....	46	..	..	46	47		Ascites .....	..	1	..	1	1	
Croup .....	2	..	..	2	9		Ulceration (of Intestines, &c.) .....	..	3	..	3	2	
Thrush .....	2	..	1	3	3		Hernia .....	..	..	1	1	3	
Diarrhoea.....	8	1	4	13	7		Colic or Ileus .....	..	..	2	2	3	
Dysentery .....	1	2	..	3	2		Intussusception .....	..	..	..	..	4	
Cholera .....	..	..	..	..	3		Stricture (of the Intestinal Canal) .....	..	..	1	1	5	
Influenza .....	1	..	3	4	3		Hæmatemesis.....	..	1	1	2	8	
Ague .....	..	..	..	..	4		Disease of Stomach, &c. ....	3	1	1	5	5	
Remittent Fever.....	3	..	..	3	6		Disease of Pancreas .....	..	..	..	..	2	
Typhus .....	14	17	8	39	32		Hepatitis .....	..	1	1	2	2	
Erysipelas .....	1	4	3	8	6		Jaundice .....	..	..	..	..	2	
Syphilis .....	3	1	..	4	1		Disease of Liver, &c. ....	..	12	5	17	10	
Hydrophobia .....	..	..	..	..	1		Disease of Spleen.....	..	..	..	..	2	
II.—Hæmorrhage .....	..	3	1	4	2		VII.—Nephritis.....	..	..	..	..	5	
Dropsy .....	1	5	3	9	32		Ischuria .....	..	..	1	1	7	
Abscess .....	1	1	1	3	2		Diabetes .....	..	1	1	2	6	
Noma .....	1	..	..	1	2		Cystitis .....	..	1	..	1	4	
Mortification .....	..	2	5	7	4		Stone .....	..	..	1	1	4	
Purpura .....	..	1	..	1	3		Stricture (of the Urethra) ..	..	1	2	3	9	
Scrofula .....	4	1	..	5	3		Disease of Kidneys, &c. ....	1	8	2	11	5	
Cancer .....	..	7	4	11	12		VIII.—Childbirth .....	..	13	..	13	8	
Tumour .....	..	..	..	..	1		Paramenia .....	..	..	..	..	2	
Gout .....	..	..	1	1	1		Ovarian Dropsy .....	..	..	1	1	8	
Atrophy .....	17	..	2	19	12		Disease of Uterus, &c. ....	..	1	2	3	2	
Debility .....	18	2	..	20	23		IX.—Arthritis .....	..	..	..	..	1	
Malformations .....	2	..	..	2	2		Rheumatism .....	..	4	5	9	3	
Sudden Deaths (including Coroners' Inquests, in which it is not shewn from what diseases or causes the persons died.)	2	5	4	11	16		Disease of Joints, &c. ....	2	2	..	4	4	
III.—Cephalitis .....	6	5	..	11	12		X.—Carbuncle .....	..	1	..	1	1	
Hydrocephalus .....	37	..	..	37	37		Phlegmon .....	..	..	..	..	2	
Apoplexy .....	1	10	8	19	24		Ulcer .....	..	1	..	1	8	
Paralysis .....	..	11	24	35	22		Fistula.....	..	..	..	..	4	
Convulsions.....	56	2	..	58	54		Disease of Skin, &c.....	1	..	1	2	6	
Tetanus .....	..	..	..	..	5		XI.—Old Age .....	..	..	91	91	81	
Chorea .....	..	..	..	..	1		XII.—Intemperance .....	..	..	..	..	9	
Epilepsy .....	..	2	2	4	5		Privation.....	..	1	..	1	7	
Insanity .....	..	3	2	5	1		Violent Deaths .....	9	5	3	17	28	
Delirium Tremens.....	..	5	..	5	2		Causes not Specified.....	3	1	1	5	6	
Disease of Brain, &c. ....	7	7	4	18	12								

Weekly Average derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population to the middle of 1846.		5 Winters.		Deaths registered in the Week		Births registered in the Week	
Males .....	542	Females .....	526	Males .....	664	Males .....	660
Females .....	526	Total .....	1068	Females .....	722	Females .....	687
Total .....	1068	Total .....	1386	Total .....	1386	Total .....	1347
Deaths registered in this the second week of the first quarter, and in each of the corresponding weeks of the same quarter of the seven preceding years:—							
(1840) .....	(1841) .....	(1842) .....	(1843) .....	(1844) .....	(1845) .....	(1846) .....	(1847) .....
997 .....	1260 .....	1042 .....	953 .....	929 .....	1109 .....	972 .....	1369 .....
Deaths in the districts added in 1847.....							
17 .....							
1386 .....							

\* The age of 1 person, whose death is assigned to privation, is not stated.

NOTE.—The above return contains births and deaths which occurred in the sub-district of Hampstead; and in the sub-districts of Plumstead and Charlton, Lee, Lewisham, Eltham, and Sydenham, added at the commencement of this year for the first time. The increase which arises from these additional returns amounts, for the present week, to 14 births and 17 deaths.

DISTRICTS OF THE METROPOLIS, Comprising 135 Registrars' Districts.					Area in square Miles	Population Enu- merated in 1841	Weekly Average derived from Deaths of 1842-6, and corrected for increase of Population to 1846.	DEATHS registered in the Week	BIRTHS registered in the Week
WEST DISTRICTS { Kensington; Chelsea; St. George, Hanover-square; Westminster; St. Martin in the Fields; St. James					17.2	301,326	158	202	193
NORTH DISTRICTS { St. Marylebone; St. Pancras; Islington; Hackney; part of Edmonton, viz. Hampstead					20.5	376,396	203	235	272
CENTRAL DISTRICTS { St. Giles and St. George; Strand; Holborn; Clerkenwell; St. Luke; East London; West London; City of London					2.8	374,759	198	248	240
EAST DISTRICTS { Shoreditch; Bethnal Green; Whitechapel; St. George in the East; Stepney; Poplar					8.8	393,247	222	329	296
SOUTH DISTRICTS { St. Saviour; St. Olave; Bermondsey; St. George, Southwark; Newington; Lambeth; Wandsworth and Clapham; Camberwell; Rotherhithe; Greenwich; Lewisham					66.2	502,483	287	372	346
TOTALS					115.5	1,948,211	1068	1386	1347

Births and Deaths not caused by Violence, registered in the Metropolis in the last 13 weeks, with the Mean Temperature for the same periods.													
	17th Oct.	24th Oct.	31st Oct.	7th Nov.	14th Nov.	21st Nov.	28th Nov.	5th Dec.	12th Dec.	19th Dec.	26th Dec.	2nd Jan.	9th Jan.
BIRTHS	1287	1337	1345	1381	1429	1303	1273	1350	1252	1311	1192	1650	1347
DEATHS (except from Violence)	802	864	948	917	893	941	921	1023	1123	1223	1228	1429	1369
Diarrhoea	35	30	26	19	15	17	13	15	22	22	17	11	13
Dysentery	3	5	3	1	5	5	3	2	1	3	1	3	3
Cholera	2	2	1	..	1	1	1	1	1	1	..	..	..
Typhus	45	61	55	47	48	58	42	48	59	34	43	49	39
Mean Temperature	50.5	49.1	43.2	49.1	44.1	47.8	45.8	32.0	35.9	29.9	36.3	29.0	37.3

# EXTRACTS FROM THE METROPOLITAN RETURNS OF THE PREVIOUS WEEK, No. 1.

(The tabular abstract on the first page is for the week ending Saturday, Jan. 9th. The following selection of cases is made from the returns for the week ending Jan. 2nd.)

NOTE.—The cases of violence not returned by the Coroner, have after them "no inquest."

Fractures and Contusions:—

duration

In Middlesex Hospital, F. 2, fall on the head from a second floor window, while listening to a street organ ..... 4 hours

In Middlesex Hospital, F. 60, (post mort.) fracture of the base of the skull, from falling down stairs while drunk ..... 3 weeks

M. 35, fracture of the spine by falling from a window, out of which he had suddenly got, while insane ..... 17 days

In King's College Hospital, tailor, 50, effusion of blood on the brain—fell in King Street, Long Acre, when intoxicated—head struck the pavement ..... 20 hours

In King's College Hospital, labourer, 38, (post mort.), fracture of the 4th dorsal vertebra—stepped upon and fell with a piece of quartering casually placed on the beams for removal, when at work in Covent Garden Theatre ..... 5 days

In St. Bartholomew's Hospital, potman, 58, (post mort.)—concussion of the brain, caused by falling down stairs (at the City Road) ..... 13 hours

In St. Bartholomew's Hospital, surgical splint maker, 55, effects of a fractured leg, from a fall at Gray's Inn Lane, while wrestling—(previously paralysed) ..... 8 weeks

In St. Bartholomew's Hospital, labourer, 18, effects of a fractured arm by a fall, from a ladder shipping (at Hornsey) ..... 11 days

In London Hospital, fidewater (age unknown), accidental from an injured leg, by a fall of cutch ..... 70 days

Wife of a waterman of horses, 39, concussion of the brain, from falling down the area of an unfinished house, not fenced ..... instant

Wife of a hair dresser, about 60 (post mort.), apoplexy—fracture of the skull—fell down stairs when intoxicated—found insensible at the foot of the stairs—supposed about ..... 10 hours

F. 87, exhaustion following an accidental fall in her bedroom (while affected with dropsy) ..... 5 weeks

F. 77, natural death from apoplexy, accelerated by a fall ..... ..

Labourer, 25, fracture of the skull from a blow, accidentally received from the falling of the sheers in Her Majesty's Dockyard, Deptford ..... 5 hours

In Middlesex Hospital, M. 81, injuries of the head from a cart wheel, as he was crossing the road intoxicated ..... 5 days

In Middlesex Hospital, M. 62, fracture of the thigh from the kick of a horse, which he was cleaning ..... 16 days

In Middlesex Hospital, M. 30, aneuritis from injury of the skull, by a horse's kick on the forehead, while moving hay beneath him ..... 4 days

In King's College Hospital, cabinet maker, 80, (post mort.)—shock of the system, following fracture of the neck of the femur, by sudden muscular exertion, when endeavouring to avoid a hackney cabriolet in High Holborn ..... 10 days

F. 85, shock of the system—thrown out of a chaise-cart, which came in contact with a coal cart in the Strand ..... 6 days

Carman, 47, injuries from being accidentally run over by his own cart ..... instant

Daughter of a mariner, 15, death from blows, producing pleurisy on right side; verdict of manslaughter against Richard King the younger, Sarah Green, and Jane Sumner

M. 65 (post mort.), natural death—sudden, from effusion of serum on the base and ventricles of the brain, which may have been accelerated by an accidental blow

F. 83, { fracture of the back and thigh .....  
(no inquest.) { —(how caused?) .....  
                  { exhaustion ..... 19 days

Fractures and Contusions (continued):— duration

M. 27 (no inquest), injury of the right knee. 9 weeks (How caused?)

In London Hospital, mast maker, 21, accidental from a fractured skull, by a blow from a winch ..... died on the same day

In London Hospital, labourer, 28, rupture of intestines by a kick—manslaughter against John Duggan

In King's College Hospital, widow, about 70, (post mort.)—fracture of the base of the skull—no evidence how caused

In London Hospital, gatekeeper, 73, dislocated arm and fractured radius—how caused unknown

Wounds:—

Perfumer, 39, suicide with a razor, in unsound mind

M. 54 (no inquest), traumatic trismus (how caused?) ..... 2 1/2 days

M. 46, cutting his throat in a fit of temporary insanity

Drowning:—

M. about 30, accidentally drowned in the River Thames

M. 6, found dead in "New Cut"—apparently drowned—with marks (missing a week)

M. 17, found dead in the water of the Regent Canal basin, without marks

Captain of a coal ship, 52, (post mort.), found dead, apparently drowned, the membranes of the brain being congested—without marks of violence

M. 20, accidentally drowned by a fall from a boat in the River Thames

M. (unknown), apparently 14, found dead in the River Thames, without marks

F. 23, found dead—apparently drowned, and without marks to account for death

Lighterman, 49, found drowned—but no evidence how he got into the water

F. 24, found drowned—but how she came into the water no evidence (in the Thames)

Waterman, 24, drowned accidentally by falling into the River Thames (under water 18 hrs.)

Spinster, 26, drowning—no evidence how she came into the River Ravensbourne

M. 43, accidentally drowned in the River Thames (under water 32 days)

Hanging and Suffocation:—

Tailor, 57, suicide by hanging—insane

F. servant (single), about 25, suicide by hanging (state of mind not known)

Soldier, 22, suicide by hanging (insane)

In Westminster, convict, formerly a labourer, 16, hung himself with tailors' thread to the iron grating of his cell, when in separate confinement (temporary insanity, arising from disappointment at not being allowed to return to the juvenile ward, from which he had been removed)—found hanging

In Westminster, convict, formerly a labourer, 45, hung himself with a rope to the beam of a loom in his cell (temporary insanity) ..... instant

F. 16, hanging herself with a cord to a leaden pipe (her feet being off the ground about 30 minutes)

F. 70, hanged herself in a temporary state of insanity

Grocer, 45, hanged himself in a temporary state of insanity

M. 55, { bronchitis ..... 13 years  
(no inquest) { congestion of the lungs, from .....  
                  { inhaling a narcotic vapour ..... 7 days

Son of a gardener, 2, inhaling steam from a kettle of boiling water ..... 12 hours

Hanging and Suffocation (continued):— duration

F. 5 mon., found dead, apparently from suffocation—how caused unknown

Daughter of a tailor, 3 wks., suffocation by being accidentally shut up in a turn-up bed ..... instant

M. 10 wks. (post mort.), suffocation by being accidentally turned over and laid on by another child

In Middlesex Hospital, M. 20 (post mort.), suffocation from the lodgment of bone at dinner in the gullet—refused an operation 9 days

F. 1, accidental death from choking

Burns and Scalds:—

In Middlesex Hospital, F. 3, burns from playing in her bedgown with a stick, lighted at the grate (the mother being absent) ..... 3 days

In Middlesex Hospital, F. 7, burns from her clothes catching fire, while sitting on a fender-edge; a red-hot poker falling on them in absence of the father ..... 1 day

In Middlesex Hospital, M. 6, burns from firing his pinafore with a lighted stick at play ..... 1 day

In St. Bartholomew's Hospital, daughter of a cigar-stripper, 1, burnt by her pinafore taking fire, whilst at play (at Milton Street) 1 week

In London Hospital, son of a labourer, 4, accidental from burns by his clothes taking fire 1 day

In London Hospital, son of a policeman, 5, accidental from burns by his clothes taking fire ..... 1 day

In London Hospital, son of a labourer, 7, accidental from burns ..... ..

In London Hospital, widow, 72, accidentally burnt by her clothes taking fire ..... ..

In London Hospital, F. 6, accidental from burns by her clothes taking fire ..... ..

In London Hospital, daughter of a sugar-baker, 4, accidental from burns ..... 8 days

F. 30, burns from firing her clothes by letting fall on them a lucifer match ..... ..

Son of a blacksmith, 3 (no inquest), severe burns on the left arm and shoulder, by lighting a piece of paper at the fire grate. 8 weeks

F. 4, burns from reaching to an ornament on a mantelpiece, in the absence of the nurse. 8 days

M. 26, accidentally burnt to death (an imperfect return)

Son of a labourer, 1, injuries from being scalded with boiling water from the kettle upsetting accidentally ..... 21 hours

M. 2 (no inquest), scald—bronchitis

M. 4, scald of the back from accidental splashing of boiling water over him ..... 5 weeks

Poison:—

F. servant, 19, suicide with prussic acid, in unsound mind—quantity taken not known 6 hours

F. servant, 28 (post mort.), suicide with laudanum (insane)

(arsenic (had bought twopennyworth for mice)

F. 25, { suicide after desertion by a paramour ..... 28 hours  
                  { —insanity.

Spiritous Liquor:—

Cooper, 34 (post mort.), died from an excessive draught of ardent spirits—how administered unknown (insane)

(died from an excessive draught of strong liquor, imbibed into his stomach)

M. 30, { ..... 2 days  
                  { The verdict adds—"cause unknown."

Neglect:—

M. newly born, neglect to provide proper aid at birth, and so wilfully murdered by some person or persons unknown.

# THIRTEEN HOSPITALS.—CAUSES OF DEATHS (NOT VIOLENT) AS RETURNED BY THE MEDICAL OFFICERS.

St. George's H.—	duration	Small Pox H.—	duration	London H. (continued).—	duration
M. 16, { diseased heart (sequel of rheumatism) * fever (died suddenly) * rheumatism, first attack . . . 2 years ago last attack . . . about 3 weeks ago		M. 20, small pox—natural—confluent . . . 8 days		F. 49, ulcer . . . 8 months	
M. 31, { scalp wound—erysipelas * (p.m.) { secondary abscess of lungs.		King's College H.—		F. 40, { dropsy . . . 8 months mitral disease of the heart . . .	
Westminster H.—		M. 37, debility . . . 2 weeks		F. 33, diseased uterus . . .	
M. 48 (post mort.), acute bronchitis . . . 1 month		F. 63, { femoral hernia . . . 2 days strangulation . . .		St. Thomas' H.—	
M. 40, chronic bronchitis . . .		F. 32, erysipelas . . .		F. 30, fever . . .	
Charing Cross H.—		F. 32, bronchitis . . .		F. 26, phthisis . . .	
M. 20, phthisis pulmonalis . . . 2 or 3 years		See Violent Deaths.		F. 39, carcinoma uteri . . .	
Middlesex H.—See Violent Deaths.		St. Bartholomew's H.—		F. 58, { apoplexy . . . 13 days hemiplegia . . .	
University College H.—		M. 34, hemiplegia . . .		M. 56, phthisis . . .	
M. 56, stricture of urethra—disease of kidneys . . .		M. 33, disease of the lungs and chest . . .		Guy's H.—	
F. 63, chronic laryngitis—phthisis . . .		M. 29, bronchitis . . .		M. 64, jaundice . . .	
Fever H.—		M. 69, strangulated hernia . . .		M. 30, fever . . .	
M. 51, { fever . . .		M. 41, emphysema, with bronchitis . . . some years		M. 40, diseased bladder—enlarged prostate . . .	
(p.m.) { granular kidneys (from Holborn—in hospital 7 days) . . .		M. 46, suspected disease of brain and spinal marrow . . .		M. 50, bronchitis—dropsy . . .	
M. 40, { fever . . . 19 days injection of colon—serous effusion (p.m.) { beneath the arachnoid (from Lambeth—in hospital 4 days) . . .		M. 25, consumption . . . 4 years		M. 52, diseased kidney . . .	
F. 53, { apoplexy . . . 19 days (p.m.) { clot in the fornix (from Lambeth—in hospital 12 days) . . .		F. 21, emphysema of the lungs, with bronchitis, ill as long as she could recollect directly after admission to the hospital.		F. 29, phthisis . . .	
		London H.—		Dreadnought H.—	
		M. 55 (inquest), natural—suppressed urine . . .		M. 17, { venereal erysipelatous inflammation of peritonaeum . . . 24 hours (p.m.) { sudden collapse . . . in hospital 34 days.	
		M. 19 wks. (inquest), natural, sudden, from croup . . .		M. 28, { partial obstruction of small intestine 10 days perforation . . . 34 hours (p.m.) { intrusion of a small portion of the calibre of the ilium into the femoral ring.	
		F. 56 (inquest), natural—sudden, from effusion on the brain . . . instant			

## DEATHS BY SMALL POX, TYPHUS, ETC., SYPHILIS, HEMORRHAGE, MALFORMATION, HERNIA, DIABETES, STONE, CHILDBIRTH, DELIRIUM TREMENS, IMPERPERANCE, PRIVATION, ETC.

Small Pox, &c.—	duration	Typhus (continued).—	duration	Delirium tremens.—	duration
M. 9 mon., natural small pox . . . 14 days		F. 43, typhus fever . . . 6 days		M. 37, delirium tremens . . .	
M. 6 mon., { confluent small pox . . .		M. 50, { fever . . . 14 days disease of liver . . .		M. 31, delirium tremens . . . 4 days	
variolation 3 months before, without cicatrices . . .		See Hospital Reports.		Paralysis and delirium tremens.—	
bronchitis . . . 7 days		Remittent Fever.—		M. 58, { paralysis . . . 11 days delirium tremens . . .	
F. 11 mon., { variola . . . 8 days not stated whether vaccinated.		F. 3, { remittent fever . . . 16 days pneumonia . . . 24 days		Intemperance.—	
M. 4, { pneumonia . . . 11 days not stated whether vaccinated.		F. 7, { remittent fever . . . 14 days abscess apparently of the Eustachian tube, which caused the rupture of a blood- vessel . . .		M. 33, phthisis from intemperate habits . . .	
F. 11 mon., { small pox . . . 11 days pneumonia . . . 3 days without previous vaccination.		Syphilis.—		F. 25 (inquest) p.m., sanguineous apoplexy, ac- celerated by intoxication—found dead in bed . . .	
F. 1, { chicken pox . . . 5 days hydrocephalus . . . 3 weeks See Small Pox Hospital.		M. 6 mon., { syphilis . . . from birth bronchitis . . . 1 month See Dreadnought Hospital.		M. 40, { intemperance—fever . . . 2 weeks meningitis . . .	
Typhus, &c.—		Hemorrhage.—		Bronchitis and Intemperance.—	
M. 41, low fever . . . 16 days		F. 29, hemorrhage from the lungs . . . 10½ hours		M. 52, a drunkard, { bronchitis . . . 3 years last attack . . . 3 weeks	
F. 8, fever . . . 3 weeks		F. 46, rupture of a blood-vessel on the lungs . . .		Privation.—	
F. 8, typhus fever . . . 3 weeks		M. 68 (inquest), rupture of a blood-vessel in the lungs . . . 2 minutes		F. 25, { exhaustion from long refusal of food, 2 years insanity . . .	
F. 44, low fever . . . 6 weeks		M. 4 days, hemorrhage from the umbilical cord debility . . . 4 days		In the sub-district of Brompton, widow of a soldier, 56 (inquest), serous effusion into and congestion of the brain, from want of clothes to lie in at night, and inefficient nourishment with food, through poverty, In sub-district of St. Mary, Marylebone, needlewoman, 33 (inquest), want of food and other common necessities of life. In sub-district of St. John, St. Olave's, F. 86, (inquest) suddenly—exhaustion from want of sufficient nourishment.	
F. 33, { bilious fever . . . 7 days cerebral congestion . . .		M. 72 (inquest), natural death—hemorrhage from a ruptured vessel . . . sudden		Intoxication.—	
F. 3, fever—effusion on the brain . . .		F. 41 (inquest), natural death—rupture of a blood-vessel on the lungs . . . sudden		M. 7 weeks (inquest), (p.m.), defective nourish- ment—not known whether from disease or neglect—duration unknown—no medical attendant certified.	
F. 70, fever . . .		M. 40 (inquest), natural death—rupture of a blood-vessel . . . sudden		Miscellaneous causes.—	
M. 14, typhus fever . . . 8 days		Malformation.—		M. 2, inflammation—ulceration and sloughing of the groin and scrotum . . . 3 weeks	
M. 11, fever . . . 3 weeks		F. 15 days, nonclosure of the foramen ovale, since birth		F. 78, lupus . . . 15 years	
M. 5 mon., brain fever . . .		F. 47 days, imperfect anus . . .		F. 18, malignant disease of the face (lupus) . . . 10 years	
F. 2, { fever . . . 6 weeks diarrhoea . . . 1 week		M. 8 days, imperfect rectum . . .		F. 69, water brash . . . 5 years	
M. 3, typhus . . . 17 days		Hernia.—		M. 56 (p.m.), { apoplexy . . . 3 days paralysis of left arm and right leg ramollissement of the left middle lobe; and base of right . . .	
M. 13 (p.m.) inquest, continued fever . . . 5 days		F. 70, strangulated hernia . . . 5 days		F. 82 (p.m.), { cancer of stomach and intestines softening of brain with paralysis hemiplegia . . .	
F. 45, fever—bronchitis . . . whole illness 1 month		F. 88, strangulated hernia . . .		M. 17 (inquest, p.m.), purulent arachnitis of the brain and spinal cord . . . 5 days	
F. 34, typhus . . . 3 weeks		M. 3 mon., strangulated hernia . . . 2 months		F. 1 (inquest), softening of the brain—hepati- zation of the lungs . . . for 6 weeks under a quack	
M. 26, nervous fever . . . 2 months		See Reports of King's College, and St. Bartholomew's Hospital.		M. 1 (p.m.), convulsions—softening of brain and great congestion . . .	
M. 18, typhus . . . 14 days		Diabetes.—		F. 40 (inquest), natural death—sudden from effusion of the brain from mortification of the lip . . .	
M. 26, eruptive fever . . . 7 days		F. 70, diabetes mellitus, ending in exhaustion from irritation of the mucous membrane, with vomiting and purging . . . 7 years		M. 8 mon., abscess of ear discharging exter- nally—collapse . . . 4 months	
F. 3, { fever . . . 3 weeks congestion of brain . . . 5 days effusion . . . 2 days		Stone.—No deaths registered from this cause.		M. 68, { carbuncle . . . 7 days typhus fever . . .	
M. 4, gastric fever . . . 21 days		Childbirth.—The time lapsing from commencement of labour to death should invariably be returned.		F. 30 (p.m.), arachnitis—diminutive heart— atrophy . . . 12 years	
M. 1, fever . . . 8 days		F. 24, { parturition of twins . . . 39 days adynamic fever . . . 31 days		F. newly born (inquest, p.m.) it could not be ascertained whether the child was born alive, having been left by a stranger at an office, 12, Charles-street, Westminster.	
M. 24, fever . . .		F. 36, exhaustion after delivery . . .			
M. 1, brain fever . . . 7 days		F. 27 (inquest), laceration of the womb, from pressure of the child in a mal-position, dur- ing natural labour . . . 30 min.			
F. 1, low fever and marasmus . . . 10 weeks		F. 28, { (inquest) childbirth (healthy) . . .			
M. 47, fever . . .		F. 23, { followed on fifth day by phlegmasia dolens . . .			
M. 73, { fever . . . 17 days pneumonia . . . 8 days		F. 33, { childbirth . . . 7 days puerperal fever . . . 2 days			
M. 52, fever . . . 1 week		F. 36, milk fever (9 days after confinement) . . .			
M. 52, typhus fever . . . 3 weeks		F. 29, exhaustion of the vital powers—prema- ture delivery . . .			
F. 3, typhus . . . 14 weeks		F. 24, puerperal mania . . . 11 days			
F. 5, { typhus . . . 14 weeks diarrhoea . . . 6 weeks		F. 23, { puerperal fever . . . 6 days pleuritis . . .			
M. 41, { fever . . . 8 days chronic enlargement of the liver . . .		F. 26, { ague—abortion . . . 3 days childbirth . . .			
F. 46, synchysis . . .		F. 25, { emphysema of the lungs . . . some months dropsy . . .			
M. 2, typhus fever . . .		F. 28, { labour . . .			
F. 8 mon., typhus fever . . .		F. 28, { meningitis . . . 7 days			
M. 26, low nervous fever and congestion of the blood vessels of the brain . . .		F. 25, { childbirth . . .			
F. 11, typhus mitior . . . 3 weeks		F. 19 (inquest), puerperal peritonitis . . . 3 weeks			
M. 3, fever—hemorrhage from the bowels . . . 3 weeks					
M. 51, { debility . . . 7 weeks fever . . . 3 months					
M. 3, { fever . . . 3 months meningitis . . .					
M. 7, typhus fever . . . 3 weeks					
M. 14 (inquest), natural death—convulsions— effusion on the brain, resulting from low fever . . .					
M. 11, fever . . . 3 weeks					
F. 3, { fever . . . 3 weeks effusion on the brain . . .					

In the return for week ending January 2nd, deaths were—

(1) Certified by Medical Attendant in . . .	1209 cases.
(2) Attested by Coroner in . . .	204
(3) Stated to have had no Medical Attendant . . .	80
(4) Not certified . . .	67

1510

Deaths under 1st and 2nd heads show a proportion of 93 per cent. It must be observed, that the term "certified" signifies, that in all cases to which it is applied a written statement of the cause of death (or that it could not be ascertained), was made by a qualified practitioner.

ANALYSIS OF CASES IN WHICH INQUESTS WERE HELD.—Deaths from bronchitis and pneumonia 7; asthma, 3; phthisis, 3; pulmonary apoplexy, 1; con-  
vulsions 9; epilepsy 2; cerebral apoplexy, 12; rupture of vessels in lungs, 2; rupture of other vessels, 2; diseases of heart, 19; violence, 76; other specified causes, 28;  
found dead (young persons) 15, (adults) 7; visitation of God, natural causes, &c., 19—total 204. The number of cases in which it is recorded that a post mortem  
examination was made is 56.

# METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, During the Week ending Saturday, 9th January, 1847.

Day.	Phases of the Moon	Mean height of the Barometer, from 12 Observations, (corrected and reduced to 32 degrees Fahrenheit.)	Readings of Thermometers										Difference between the Dew Point Temperature and Air Temperature			Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 25 years	WIND							Mean Amount of Cloud, 0-10	Rain in inches, read at 9 o'clock the next morning			
			Dry			Dew Point	Mean from 12 Obs.	Mean from 12 Rits	Highest in the sun, as shown by a self-regis- ter- ing Thermometer	Lowest on the grass, as shown by a self-regis- ter- ing Thermometer	In the Water of the Thames at Greenwich, by the self- registering Thermometer, read at 9 o'clock next morning		Mean of 12 Diffs.	Greatest	Least		General Direction		Pressure in lbs. on the square foot		Mean of 12 Obs.	Amount of Horizontal Movement of the Air in each day						
			High- est from 12 Obs.	Low- est from 12 Obs.	Mean from 12 Obs.						Highest	Lowest					A.M.	P.M.	Greatest	Least								
JANUARY		in.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUN.	3							26.8	34.0	33.0																		
MON.	4		29.70	40.0	29.6	34.8		35.0	35.0	33.5				-1.0														
TUES.	5		29.67	46.0	37.1	41.6		29.5	35.8	34.8				+6.6														
WED.	6	Apogee.	29.86	42.2	35.0	38.6		38.0	35.8	34.8				+3.2														
THU.	7	In Equator.	29.97	42.0	37.1	39.6		36.0	38.2	35.5				-4.0														
FRI.	8		30.00	37.5	35.0	36.3		32.8	39.0	36.5				-1.6														
SAT.	9	Last Quart.r.	30.22	35.8	30.0	32.9		16.3	39.0	37.2				+1.7														
MEANS			29.90	40.6	34.0	37.3		30.6	36.7	35.0				+0.8												Sum 655	9.4	Sum 0.18

DAY	ELECTRICITY	Circumstances accompanying the exhibition of Electricity	GENERAL REMARKS
SUN.	Positive and tension moderate at 2h. 40m. p.m. At other examinations no electricity was shewn.	} See General Remarks.	The sky was one-half covered with cirri, cirrostrati, and scud to 9h. a.m.; from that time till 3h. p.m. the amount gradually increased, and it shortly after became overcast. At 4h. 30m. sleet began falling, and snow shortly after succeeded.
MON.	Positive and tension moderate at each examination during the day.	} See General Remarks.	Overcast with cirrostratus and scud throughout the day.
TUES.	Positive and tension moderate at 1h. p.m.; at other examinations the electricity was positive, with weak tension.	} See General Remarks.	With the exception of a few breaks in the clouds about 11h. a.m., the sky was covered with cirrostratus and scud throughout the day. Rain was falling between 9h. a.m. and 11h. a.m.
WED.	Positive and tension very weak at each examination during the day.	} See General Remarks.	Overcast with cirrostratus and scud throughout the day, with the exception of an interval at 3h. a.m. A fog was prevalent in the morning.
THURS.	Positive and tension strong from 11h. a.m. to 2h. p.m. Sparks were shewn.	} A thin misty rain was falling.	Overcast with cirrostratus and scud throughout the day. A thin misty rain was falling at 11h. a.m.
FRID.	Positive and moderately active at each examination during the day.	} See General Remarks.	Overcast with cirrostratus and scud throughout the day.
SAT.	No electricity was shewn till 1h. p.m. Positive and tension moderate from 1h. 20m. p.m. till midnight.	} See General Remarks.	Overcast with cirrostratus and scud till 10h. p.m. Shortly after this time the sky became suddenly cloudless, and continued so during several hours.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The amount of clouds is estimated by considering a clear sky to be represented by 0, a cloudy sky by 10; and when partially cloudy by estimating the number of tenths of the whole sky covered with cloud. The observations are taken every two hours, day and night.

The readings of the two self-registering thermometers, the one placed in the full rays of the sun, and the other placed on grass fully exposed to the sky, are taken every morning at 9 A.M., and therefore exhibit the highest and lowest readings respectively, that have occurred in the previous 24 hours. They are, however, placed here opposite to the civil day which precedes that on which the thermometers are read. The thermometer placed in the full rays of the sun has been under repair during the week.

Whewell's anemometer (from the indications of which the estimation of horizontal movement is made) is read at 10 A.M., and the result given is for the 24 hours preceding. It is placed here opposite to the civil day, which precedes that on which the anemometer is read.

The average temperature for 25 years is furnished by Mr. Henry, Assistant at the Royal Observatory, from the observations made at his residence in the neighbourhood of Greenwich Park.

\* In reading the 16th column, it will be borne in mind that + is read "higher," and — "lower," than the average.

The temperature of the water of the Thames is ascertained by the use of a self-registering thermometer, suspended from the side of the Dreadnought Hospital Ship, at the depth of about 2 feet below the surface. The readings of this instrument are registered under the superintendence of Lieutenant Sanders, R.N., Superintendent of the Dreadnought. The mean reading of a thermometer placed on the mainmast, and read each day at 6h. 30m. A.M., was 39.5; and the mean reading at 7h. 30m. P.M., was 39.7.

† The mean direction of the wind for the week is S.E., but during a large portion of the time it has been calm.

During the week the regular observations were discontinued for the purpose of examining the adjustments of the magnetic and meteorological instruments. A few barometrical readings have been taken daily, so as to give an approximation to the mean height: the maximum and minimum temperature of each day has also been taken, by means of self-registering thermometers, and inserted as the highest and lowest readings on each day, and their arithmetical mean is taken and considered to represent the mean daily readings.

# A TABLE OF

## Births and Deaths registered in London,

During the Week ending Saturday, January 16th, 1847.

ANNUAL SERIES VIII.]

PUBLISHED BY AUTHORITY OF THE REGISTRAR GENERAL.

[No. 3.]

Causes of Death	Age			Total	Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population	5 Winters	Causes of Death.	Age			Total	Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population	5 Winters
	0 to 15	15 to 60	60 and upwards					0 to 15	15 to 60	60 and upwards			
ALL CAUSES.....	466	451	373	*1291	1068		IV.—Laryngitis .....	4	1	..	5	1	
SPECIFIED CAUSES.....	466	451	373	*1291	1061		Quinsey .....	1	1	..	2	1	
I.—Zymotic (or Epidemic, Endemic, and Contagious) Diseases.....	114	36	19	169	183		Bronchitis .....	37	46	69	152	39	
SPORADIC DISEASES—							Pleurisy .....	2	3	5	8	2	
II.—Dropsy, Cancer, and other Diseases of uncertain or variable Seat .....	52	33	29	114	112		Pneumonia .....	84	28	16	128	98	
III.—Diseases of the Brain, Spinal Marrow, Nerves and Senses ..	88	41	41	170	170		Hydrothorax .....	..	4	4	8	7	
IV.—Diseases of the Lungs, and of the other Organs of Respiration ..	147	252	134	533	354		Asthma .....	..	32	24	56	40	
V.—Diseases of the Heart and Blood-vessels .....	2	21	22	45	32		Phthisis (or Consump- tion) .....	17	129	12	158	147	
VI.—Diseases of the Stomach, Liver, and other Organs of Digestion ..	43	24	18	85	70		Disease of Lungs, &c. ....	2	8	6	16	19	
VII.—Diseases of the Kidneys, &c. ....	..	9	4	13	8		V.—Pericarditis.....	..	3	..	3	2	
VIII.—Childbirth, Diseases of the Uterus, &c. ....	..	15	..	15	12		Aneurism .....	..	..	..	..	1	
IX.—Rheumatism, Diseases of the Bones, Joints, &c. ....	2	5	..	7	7		Disease of Heart, &c. ....	2	18	22	42	30	
X.—Diseases of the Skin, Cellular Tissue, &c. ....	3	2	3	8	2		VI.—Teething.....	16	..	..	16	16	
XI.—Old Age .....	..	..	98	98	81		Gastritis .....	..	3	1	4	14	
XII.—Violence, Privation, Cold and Intemperance .....	15	13	5	*34	30		Enteritis .....	9	2	..	11	2	
I.—Small Pox .....	4	..	..	4	17		Peritonitis .....	..	5	2	7	8	
Measles .....	9	..	..	9	28		Tabs Mesenterica.....	14	..	..	14	..	
Scarlatina .....	12	..	..	12	26		Worms .....	..	..	..	..	..	
Whooping Cough .....	44	..	..	44	47		Ascites .....	..	..	1	1	1	
Croup .....	7	..	..	7	9		Ulceration (of Intestines, &c.) .....	1	1	..	2	2	
Thrush .....	3	..	..	3	3		Hernia .....	..	2	3	5	3	
Diarrhoea .....	11	3	5	19	7		Colic or Ileus .....	..	..	..	..	3	
Dysentery .....	2	1	..	3	2		Intussusception .....	1	..	..	1	..	
Cholera .....	1	1	..	2	..		Stricture (of the Intestinal Canal) .....	..	..	..	..	..	
Influenza .....	1	2	7	10	3		Hamatemesis .....	..	1	4	5	..	
Ague .....	1	1	..	2	..		Disease of Stomach, &c. ....	..	..	2	2	5	
Remittent Fever.....	2	..	..	2	..		Disease of Pancreas .....	..	..	..	..	..	
Typhus .....	16	19	5	40	32		Hepatitis .....	..	2	..	2	2	
Erysipelas .....	1	8	2	11	6		Jaundice .....	1	..	3	4	2	
Syphilis .....	..	1	..	1	1		Disease of Liver, &c. ....	1	8	2	11	10	
Hydrophobia .....	..	..	..	..	..		Disease of Spleen.....	..	..	..	..	..	
II.—Hæmorrhage .....	..	3	2	5	2		VII.—Nephritis.....	..	..	..	..	..	
Dropsy .....	2	11	18	31	32		Ischuria .....	..	..	..	..	..	
Abscess .....	1	1	..	2	2		Diabetes .....	..	..	1	1	..	
Noma .....	..	..	..	..	..		Cystitis .....	..	..	1	1	..	
Mortification .....	..	..	1	1	4		Stone .....	..	1	..	1	..	
Purpura .....	..	1	1	2	..		Stricture (of the Urethra) ..	..	..	..	..	..	
Scrofula .....	1	1	..	2	3		Disease of Kidneys, &c. ....	..	8	2	10	5	
Cancer .....	..	12	1	13	12		VIII.—Childbirth .....	..	9	..	9	8	
Tumour .....	..	..	..	..	1		Paramenia .....	..	..	..	..	..	
Gout .....	..	..	..	..	1		Ovarian Dropsy .....	..	2	..	2	..	
Atrophy .....	15	..	..	15	12		Disease of Uterus, &c. ....	..	4	..	4	2	
Debility .....	27	1	..	28	23		IX.—Arthritis .....	..	..	..	..	..	
Malformations .....	3	1	..	4	2		Rheumatism .....	1	2	..	3	3	
Sudden Deaths (including Coroners' Inquests, in which it is not shewn from what diseases or causes the persons died.)	3	2	6	11	16		Disease of Joints, &c. ....	1	3	..	4	4	
III.—Cephalitis .....	5	3	..	8	12		X.—Carbuncle .....	..	..	1	1	..	
Hydrocephalus .....	27	..	..	27	37		Phlegmon .....	2	1	..	3	..	
Apoplexy .....	..	13	20	33	24		Ulcer .....	..	1	1	2	..	
Paralysis .....	..	7	17	24	22		Fistula .....	..	..	1	1	..	
Convulsions.....	49	..	..	49	54		Disease of Skin, &c. ....	1	..	..	1	..	
Tetanus .....	1	..	..	1	..		XI.—Old Age .....	..	..	98	98	81	
Chorea .....	1	..	..	1	..		XII.—Intemperance.....	..	..	..	..	..	
Epilepsy .....	..	9	1	10	5		Privation .....	..	3	..	4	..	
Insanity .....	..	2	1	3	1		Violent Deaths .....	15	10	5	30	28	
Delirium Tremens.....	..	3	..	3	2		Causes not Specified.....	..	..	..	..	6	
Disease of Brain, &c. ....	5	4	2	11	12								

5 Winters.

Weekly Average derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population

Males .....

Deaths registered in the Week

Males .....

Births registered in the Week

Males .....

Deaths registered in this the third week of the first quarter, and in each of the corresponding weeks of the same quarter of the seven preceding years:—  
 (1840) | (1841) | (1842) | (1843) | (1844) | (1845) | (1846) | (1847) | (average of the series of weeks, exclusive of the last) 1044  
 940 | 1154 | 1136 | 988 | 1040 | 1010 | 1043 | 1274 |  
 Deaths in the districts added in 1847..... 17

1291

\* The age of 1 person, whose death is assigned to privation, is not stated.

NOTE.—The above return contains births and deaths which occurred in the sub-district of Hampstead; and in the sub-districts of Plumstead and Charlton, Lee, Lewisham, Eltham, and Sydenham, added at the commencement of this year for the first time. The increase which arises from these additional returns amounts, for the present week, to 18 births and 17 deaths.

# DISTRICTS OF LONDON, Comprising 135 Registrars' Districts.

	Area in square Miles	Population Enu- merated in 1841	Weekly Average derived from Deaths of 1842-5, and corrected for increase of Population 5 Winters	DEATHS registered in the Week	BIRTHS registered in the Week
WEST DISTRICTS { Kensington; Chelsea; St. George, Hanover-square; Westminster; St. Martin; in the Fields; St. James }	17.2	301,326	158	175	185
NORTH DISTRICTS { St. Marylebone; St. Pancras; Islington; Hackney; part of Edmonton, viz. Hampstead }	20.5	376,396	203	233	295
CENTRAL DISTRICTS { St. Giles and St. George; Strand; Holborn; Clerkenwell; St. Luke; East London; West London; City of London }	2.8	374,759	198	233	250
EAST DISTRICTS { Shoreditch; Bethnal Green; Whitechapel; St. George in the East; Stepney; Poplar }	8.8	393,247	222	297	337
SOUTH DISTRICTS { St. Saviour; St. Olave; Bermondsey; St. George, Southwark; Newington; Lambeth; Wandsworth and Clapham; Camberwell; Rotherhithe; Greenwich; Lewisham }	66.2	502,483	287	353	390
TOTALS	115.5	1,948,211	1068	1291	1457

Births and Deaths *not caused by Violence*, registered in the Metropolis in the last 13 weeks, with the *Mean Temperature* for the same periods.

	24th Oct.	31st Oct.	7th Nov.	14th Nov.	21st Nov.	28th Nov.	5th Dec.	12th Dec.	19th Dec.	26th Dec.	*2nd Jan.	9th Jan.	16th Jan.
BIRTHS	1337	1345	1381	1429	1303	1273	1350	1252	1311	1192	1650	1347	1457
DEATHS (except from Violence)	864	948	917	893	941	921	1023	1123	1223	1228	1429	1369	1261
Diarrhoea	30	26	19	15	17	13	15	22	22	17	11	13	19
Dysentery	5	3	1	5	5	3	2	1	3	1	3	3	3
Cholera	2	1	..	1	..	1	1	1	1	..	..	..	2
Typhus	61	55	47	48	58	42	48	59	34	43	49	39	40
Mean Temperature	49.1	43.2	49.1	44.1	47.8	45.8	32.0	35.9	29.9	36.3	29.0	37.3	32.2

\* The DISTRICT of Lewisham and Sub-district of Hampstead were added to "London" in the week ending 2nd January; the Births and Deaths therefore are not contained in the previous weeks.

METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH,  
During the Week ending Saturday, 16th January, 1847.

Day.	Phases of the Moon	Mean height of the Barometer, from 12 Observations, (corrected and reduced to 32 degrees Fahrenheit.)	Readings of Thermometers										Difference between the Dew Point Temperature and Air Temperature			Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 25 years	WIND							Mean Amount of Cloud, 0-10	Rain in inches, read at 9 o'clock the next morning																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
			Dry			Dew Point Mean from 12 Obs.	Highest in the sun, as shown by a self-register- ing Thermometer	Lowest on the grass, as shown by a self-register- ing Thermometer	In the Water of the Thames at Greenwich, by the self- registering Thermometer, read at 9 o'clock next morning		Mean of 12 Obs. Diff.	Greatest	Least	General Direction			Pressure in lbs. on the square foot			Amount of Horizontal Movement of the Air in each day																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
			High- est from 12 Obs.	Low- est from 12 Obs.	Mean from 12 Obs.				Rite	Highest				Lowest	A.M.		P.M.	Greatest	Least		Mean of 12 Obs.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
JANUARY		in.	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o

DAY	ELECTRICITY	Circumstances accompanying the exhibition of Electricity	GENERAL REMARKS
SUN.	Positive and tension moderate at each examination during the day.	} See General Remarks.	With the exception of a few small breaks which occurred at 9h. 30m. a.m., the sky was overcast till 6h. p.m.; from this time till midnight the sky was clear. The prevailing clouds were cirro- stratus and scud. A thin haze prevailed during the night.
MON.	No electricity was shewn till noon, when it became positive, with strong tension: at every other time during the day it was slightly positive.	} See General Remarks.	The sky was cloudless till 9h. p.m., when it became suddenly overcast, with dense cirrostratus, and continued so till midnight.
TUES.	Positive and moderately strong tension at 9h. a.m., and again at noon; at other times during the day slightly positive elec- tricity was shewn.	} See General Remarks.	At 9h. a.m. cirrostratus and vapour prevailed principally in the horizon, but before noon the clouds had cleared away, and the sky was cloudless for the remainder of the day.
WED.	No electricity was shewn till near noon, when it attained its max. and was positive; at other examinations no electricity was shewn.	} See General Remarks.	The sky was overcast till 2h. p.m., when a few small breaks were shewn in several directions; the clouds, however, soon regained their former density, and covered the sky till 8h. 30m. p.m., when they gradually cleared, and the sky was afterwards cloudless till midnight. The prevailing cloud was cirrostratus.
THURS.	Positive and moderately active as each examination.	} See General Remarks.	The sky was generally clear throughout the day. A dense fog arose at about 9h. p.m., and continued during the night.
FRID.	Positive and moderately active through- out the day: at 8h. p.m. strong positive electricity was shewn.	} See General Remarks.	The sky was cloudless throughout the day.
SAT.	No electricity was shewn till near noon, when it became slightly positive. Nothing was shewn at any other examination throughout the day.		Overcast till noon, when small breaks were visible in several directions: soon after noon the sky became again covered, and continued so till midnight. The prevailing clouds were cirrostratus, scud, and fleecy.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The amount of clouds is estimated by considering a clear sky to be represented by 0, a cloudy sky by 10; and when partially cloudy by estimating the number of tenths of the whole sky covered with cloud. The observations are taken every two hours, day and night.

The readings of the two self-registering thermometers, the one placed in the full rays of the sun, and the other placed on grass fully exposed to the sky, are taken every morning at 9 A.M., and therefore exhibit the highest and lowest readings respectively, that have occurred in the previous 24 hours. They are, however, placed here opposite to the civil day which precedes that on which the thermometers are read.

Whewell's anemometer (from the indications of which the estimation of horizontal movement is made) is read at 10 A.M., and the result given is for the 24 hours preceding. It is placed here opposite to the civil day, which precedes that on which the anemometer is read.

The average temperature for 25 years is furnished by Mr. Henry, Assistant at the Royal Observatory, from the observations made at his residence in the neighbourhood of Greenwich Park.

\* In reading the 16th column, it will be borne in mind that + is read "higher," and — "lower," than the average.

The temperature of the water of the Thames is ascertained by the use of a self-registering thermometer, suspended from the side of the Dreadnought Hospital Ship, at the depth of about 2 feet below the surface. The readings of this instrument are registered under the superintendence of Lieutenant Sanders, R.N., Superintendent of the Dreadnought. The mean reading of a thermometer placed on the mainmast, and read each day at 6h. 30m. A.M., was 29.6; and the mean reading at 7h. 30m. P.M., was 31.6.

† The mean direction of the wind for the week is calm.

During the week the regular observations were discontinued for the purpose of examining the adjustments of the magnetic and meteorological instruments. A few barometrical readings have been taken daily, so as to give an approximation to the mean height: the maximum and minimum temperature of each day has also been taken, by means of self-registering thermometers, and inserted as the highest and lowest readings on each day, and their arithmetical mean is taken and considered to represent the mean daily readings.



# A TABLE OF

## Births and Deaths registered in London,

During the Week ending Saturday, January 23d, 1847.

ANNUAL SERIES VIII.]				PUBLISHED BY AUTHORITY OF THE REGISTRAR GENERAL.				[No. 4																									
Causes of Death	Age			Total	Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population	Causes of Death.	Age			Total	Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population																						
	0 to 15	15 to 60	60 and upwards				0 to 15	15 to 60	60 and upwards																								
												5 Winters	5 Winters																				
ALL CAUSES.....												476	424	325	1225	1068	IV.—Laryngitis.....												2	2	..	4	1
SPECIFIED CAUSES.....												474	423	320	1217	1061	Quinsey.....												..	1	..	1	1
I.—Zymotic (or Epidemic, Endemic, and Contagious) Diseases.....												112	22	17	151	183	Bronchitis.....												49	51	72	172	39
SPORADIC DISEASES—																	Pleurisy.....												1	5	1	7	2
II.—Dropsy, Cancer, and other Diseases of uncertain or variable Seat.....												51	39	21	111	112	Pneumonia.....												89	19	10	118	98
III.—Diseases of the Brain, Spinal Marrow, Nerves and Senses.....												96	30	37	163	170	Hydrothorax.....												..	1	2	3	7
IV.—Diseases of the Lungs, and of the other Organs of Respiration.....												158	239	134	531	354	Asthma.....												..	32	55	67	40
V.—Diseases of the Heart and Blood-vessels.....												3	31	20	54	32	Phthisis (or Consumption).....												13	122	11	146	147
VI.—Diseases of the Stomach, Liver, and other Organs of Digestion.....												39	27	12	78	70	Disease of Lungs, &c.....												4	6	3	13	19
VII.—Diseases of the Kidneys, &c.....												..	9	5	14	8	V.—Pericarditis.....												1	5	..	6	2
VIII.—Childbirth, Diseases of the Uterus, &c.....												1	14	2	17	12	Aneurism.....												..	..	..	..	1
IX.—Rheumatism, Diseases of the Bones, Joints, &c.....												4	5	2	11	7	Disease of Heart, &c.....												2	26	20	48	30
X.—Diseases of the Skin, Cellular Tissue, &c.....												3	1	..	4	2	VI.—Teething.....												15	..	..	15	16
XI.—Old Age.....												..	..	65	65	81	Gastritis.....												1	..	..	1	14
XII.—Violence, Privation, Cold and Intemperance.....												7	6	5	18	30	Enteritis.....												3	4	..	7	2
I.—Small Pox.....												4	1	..	5	17	Peritonitis.....												2	2	2	6	2
Measles.....												10	1	..	11	28	Tabes Mesenterica.....												11	..	..	11	8
Scarlatina.....												14	..	..	14	26	Worms.....												..	..	..	..	6
Hooping Cough.....												50	..	..	50	47	Ascites.....												..	1	1	2	1
Croup.....												4	..	..	4	9	Ulceration (of Intestines, &c.).....												..	1	1	2	2
Thrush.....												3	..	..	3	3	Hernia.....												..	2	2	4	3
Diarrhœa.....												8	..	4	12	7	Colic or Ileus.....												..	2	..	2	3
Dysentery.....												1	..	2	3	2	Intussusception.....												1	..	..	1	4
Cholera.....												..	..	..	..	3	Stricture (of the Intestinal Canal).....												..	..	..	..	5
Influenza.....												1	1	5	7	3	Hæmatemesis.....												1	3	..	4	8
Ague.....												..	1	..	1	4	Disease of Stomach, &c.....												4	3	3	10	5
Remittent Fever.....												2	..	1	3	6	Disease of Pancreas.....												..	..	..	..	2
Typhus.....												11	14	3	28	32	Hepatitis.....												..	1	..	1	2
Erysipelas.....												1	3	2	6	6	Jaundice.....												..	2	..	2	2
Syphilis.....												3	1	..	4	1	Disease of Liver, &c.....												1	6	3	10	10
Hydrophobia.....												..	..	..	..	1	Disease of Spleen.....												..	..	..	..	2
II.—Hæmorrhage.....												..	..	..	..	2	VII.—Nephritis.....												..	..	..	..	5
Dropsy.....												2	13	6	21	32	Ischuria.....												..	..	..	..	7
Abscess.....												3	1	..	4	2	Diabetes.....												..	..	..	..	6
Noma.....												..	..	..	..	2	Cystitis.....												..	..	..	..	4
Mortification.....												1	1	4	6	4	Stone.....												..	..	1	1	4
Purpura.....												..	2	..	2	3	Stricture (of the Urethra).....												..	1	..	1	9
Scrofula.....												3	3	..	6	3	Disease of Kidneys, &c.....												..	8	4	12	5
Cancer.....												..	12	6	18	12	VIII.—Childbirth.....												..	12	..	12	8
Tumour.....												..	..	..	..	1	Paramenia.....												..	..	..	..	2
Gout.....												..	..	2	2	1	Ovarian Dropsy.....												..	..	..	..	8
Atrophy.....												10	3	..	13	12	Disease of Uterus, &c.....												1	2	2	5	2
Debility.....												24	1	..	25	23	IX.—Arthritis.....												..	..	..	..	1
Malformations.....												5	..	..	5	2	Rheumatism.....												1	5	2	8	3
Sudden Deaths (including Coroners' Inquests, in which it is not shewn from what diseases or causes the persons died.)												3	3	3	9	16	Disease of Joints, &c.....												3	..	..	3	4
III.—Cephalitis.....												10	4	1	15	12	X.—Carbuncle.....												..	..	..	..	1
Hydrocephalus.....												35	..	..	35	37	Phlegmon.....												..	..	..	..	2
Apoplexy.....												3	8	14	25	24	Ulcer.....												1	..	..	1	8
Paralysis.....												..	6	14	20	22	Fistula.....												..	..	..	..	4
Convulsions.....												42	..	..	42	54	Disease of Skin, &c.....												2	1	..	3	6
Tetanus.....												..	..	..	..	5	XI.—Old Age.....												..	..	65	65	81
Chorea.....												..	..	..	..	1	XII.—Intemperance.....												..	3	..	3	9
Epilepsy.....												1	5	2	8	5	Privation.....												1	..	..	1	7
Insanity.....												..	..	1	1	1	Violent Deaths.....												6	3	5	14	28
Delirium Tremens.....												..	3	2	5	2	Causes not Specified.....												2	1	5	8	6
Disease of Brain, &c.....												5	4	3	12	12																	

DISTRICTS OF LONDON, Comprising 135 Registrars' Districts.		Area in square Miles	Population Enu- merated in 1841.	Weekly Average derived from Deaths of 1842-6, and corrected for increase of Population	DEATHS registered in the Week	BIRTHS registered in the Week
				5 Winters		
WEST DISTRICTS	{ Kensington; Chelsea; St. George, Hanover-square; Westminster; St. Martin; in the Fields; St. James .....	17.2	391,326	158	190	171
NORTH DISTRICTS	{ St. Marylebone; St. Pancras; Islington; Hackney; part of Edmonton, viz. Hampstead	20.5	376,396	203	255	240
CENTRAL DISTRICTS	{ St. Giles and St. George; Strand; Holborn; Clerkenwell; St. Luke; East London; West London; City of London .....	2.8	374,759	198	212	272
EAST DISTRICTS	{ Shoreditch; Bethnal Green; Whitechapel; St. George in the East; Stepney; Poplar .....	8.8	393,247	222	245	301
SOUTH DISTRICTS	{ St. Saviour; St. Olave; Bermondsey; St. George, Southwark; Newington; Lambeth; Wandsworth and Clapham; Camberwell; Rotherhithe; Greenwich; Lewisham }	66.2	502,483	287	323	344
TOTALS .....		115.5	1,948,211	1068	1225	1334

Births and Deaths not caused by Violence, registered in the Metropolis in the last 13 weeks, with the Mean Temperature for the same periods.													
	3 1st Oct.	7th Nov.	14th Nov.	21st Nov.	28th Nov.	5th Dec.	12th Dec.	19th Dec.	26th Dec.	*2nd Jan.	9th Jan.	16th Jan.	23rd Jan.
BIRTHS .....	1345	1381	1429	1303	1273	1350	1252	1311	1192	1650	1347	1457	1334
DEATHS (except from Violence) .....	948	917	893	941	921	1023	1123	1223	1228	1429	1369	1261	1211
Diarrhoea .....	26	19	15	17	13	15	22	22	17	17	13	19	14
Dysentery .....	3	1	5	5	3	2	1	3	1	3	3	3	2
Cholera .....	1	..	1	..	1	1	1	1	..	..	..	2	..
Typhus .....	55	47	48	58	42	48	59	34	43	49	39	40	31
Mean Temperature .....	43.2	49.1	44.1	47.8	45.8	32.0	35.9	29.9	36.3	29.0	37.3	32.2	32.0

\* The DISTRICT of Lewisham and Sub-district of Hampstead were added to "London" in the week ending 2nd January; the Births and Deaths therefore are not contained in the previous weeks.

METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH,  
*During the Week ending Saturday, 23d January, 1847.*

Day.		Phases of the Moon	Mean height of the Barometer, from 12 Observations, (corrected and reduced to 32 degree Fahrenheit.)	Readings of Thermometers								Difference between the Dew Point Temperature and Air Temperature			Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 25 years	WIND							Mean Amount of Cloud, 0-10	Rain in inches, read at 9 o'clock the next morning																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
				Dry			Dew Point	In the Water of the Thames at Greenwich, by the self- registering Thermometer, read at 9 o'clock next morning	Highest	Lowest			General Direction			Pressure in lbs. on the square foot			Amount of Horizontal Movement of the Air in each day	Mean Amount of Cloud, 0-10																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
				High- est from 12 Obs.	Low- est from 12 Obs.	Mean from 12 Obs.	Mean from 19 Rts				Mean of 19 Days	Greatest	Least	A.M.		P.M.	Greatest	Least			Mean of 19 Obs.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
JANUARY			in.	o	o	o		o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o

DAY	ELECTRICITY	Circumstances accompanying the exhibition of Electricity	GENERAL REMARKS
SUN.	No electricity was shewn at any examination throughout the day.	} See General Remarks.	Overcast throughout the day; a uniform cloud of the cirrostratus kind prevailed.
MON.	Positive with moderately strong tension at 9h. a.m.; at other times during the day slightly positive electricity was shewn.	} See General Remarks.	The sky was covered till noon, after which time the clouds became considerably broken in many directions, exhibiting large portions of blue sky; it continued so till 5h. p.m., when the clouds assumed their former density, and covered the sky till midnight. Shortly before noon a few flakes of snow fell. The prevailing clouds were cirrostratus, scud, and fleecy clouds.
TUES.	Strong positive electricity was shewn at each examination. The max. occurred at noon, when sparks were obtained.	} See General Remarks.	Overcast throughout the day; dense cirrostratus prevailed. At times it was very gloomy.
WED.	No electricity was shewn till noon, at which time it became positive, with moderately strong tension. At 2h. p.m. strong positive electricity was shewn with frequent sparks.	} See General Remarks.	One-half of the sky was covered with cirrostratus and light scud till 2h. p.m. After this time it became completely overcast, and remained so till midnight. At 7h. p.m. snow began to fall, and continued falling till midnight.
THURS.	Positive electricity, with moderately strong tension, was shewn till noon. Soon after noon the instruments became strongly charged with positive electricity, and frequent sparks were obtained. During the evening slightly positive electricity was shewn.	} See General Remarks. } Snow falling fast. } See General Remarks.	Overcast throughout the day, with dense cirrostratus. Snow was falling at frequent intervals during the day.
FRID.	Slightly positive electricity was shewn till 9h. a.m. After this time the tension increased, and was moderately strong at each examination. During the evening slightly positive electricity was shewn.	} See General Remarks.	Overcast throughout the day. Rain mingled with sleet fell at frequent intervals. During the morning a dense fog prevailed.
SAT.	No electricity was shewn till noon, after which time it became positive, with moderately strong tension; at other examinations during the day nothing was shewn, except at 7h. 30m. p.m., when it was slightly positive.	} See General Remarks.	Overcast until 2h. p.m.; after which time the clouds became considerably broken in the W., and remained so till 5h. p.m., when the sky was nearly free from cloud; at 7h. 30m. p.m. the sky was covered with cirrostratus, and continued so till midnight. Rain fell slightly at intervals during the evening.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The amount of clouds is estimated by considering a clear sky to be represented by 0, a cloudy sky by 10; and when partially cloudy by estimating the number of tenths of the whole sky covered with cloud. The observations are taken every two hours, day and night.

The readings of the two self-registering thermometers, the one placed in the *full rays of the sun*, and the other placed on grass fully exposed to the sky, are taken every morning at 9 A.M., and therefore exhibit the highest and lowest readings respectively, that have occurred in the previous 24 hours. They are, however, placed here opposite to the civil day which precedes that on which the thermometers are read.

Whewell's anemometer (from the indications of which the estimation of horizontal movement is made) is read at 10 A.M., and the result given is for the 24 hours preceding. It is placed here opposite to the civil day, which precedes that on which the anemometer is read.

The average temperature for 25 years is furnished by Mr. Henry, Assistant at the Royal Observatory, from the observations made at his residence in the neighbourhood of Greenwich Park.

\* In reading the 16th column, it will be borne in mind that + is read "higher," and — "lower," than the average.

† The air has been principally calm throughout the week.

During the week the regular observations were discontinued for the purpose of examining the adjustments of the magnetic instruments. A few barometrical readings have been taken daily, so as to give an approximation to the mean height: the maximum and minimum temperature of each day has also been taken, by means of self-registering thermometers, and inserted as the highest and lowest readings on each day; and their arithmetical mean is taken and considered to represent the mean daily readings.



# A TABLE OF

## Births and Deaths registered in London,

During the Week ending Saturday, January 30th, 1847.

ANNUAL SERIES VIII.] PUBLISHED BY AUTHORITY OF THE REGISTRAR GENERAL. [No. 5.]

Causes of Death	Age			Total	Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population	5 Winters	Causes of Death.	Age			Total	Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population	5 Winters
	0 to 15	15 to 60	60 and upwards					0 to 15	15 to 60	60 and upwards			
ALL CAUSES.....	437	377	339	1153	1068		IV.—Laryngitis .....	..	1	..	1	1	1
SPECIFIED CAUSES.....	437	377	338	1152	1061		Quinsey .....	2	..	..	2	1	1
I.—Zymotic (or Epidemic, Endemic, and Contagious) Diseases.....	102	21	13	136	183		Bronchitis .....	38	42	79	159	39	39
SPORADIC DISEASES—							Pleurisy .....	1	..	1	2	3	3
II.—Dropsy, Cancer, and other Diseases of uncertain or variable Seat .....	50	37	20	107	112		Pneumonia .....	92	23	11	126	98	98
III.—Diseases of the Brain, Spinal Marrow, Nerves and Senses ..	81	27	49	157	170		Hydrothorax .....	1	5	6	12	7	7
IV.—Diseases of the Lungs, and of the other Organs of Respiration ..	147	196	141	484	354		Asthma .....	..	23	21	44	40	40
V.—Diseases of the Heart and Blood-vessels .....	2	30	16	48	32		Phthisis (or Consump- tion) .....	10	93	12	115	147	147
VI.—Diseases of the Stomach, Liver, and other Organs of Digestion ..	35	26	15	76	70		Disease of Lungs, &c. ....	3	9	11	23	19	19
VII.—Diseases of the Kidneys, &c. ....	3	10	7	20	8		V.—Pericarditis.....	..	2	1	3	2	2
VIII.—Childbirth, Diseases of the Uterus, &c. ....	..	12	3	15	12		Aneurism .....	1	1	..	2	1	1
IX.—Rheumatism, Diseases of the Bones, Joints, &c. ....	3	6	1	10	7		Disease of Heart, &c. ....	1	27	15	43	30	30
X.—Diseases of the Skin, Cellular Tissue, &c. ....	2	2	2	6	2		VI.—Teething.....	9	..	..	9	16	16
XI.—Old Age .....	..	..	69	69	81		Gastritis .....	..	..	..	..	14	14
XII.—Violence, Privation, Cold and Intemperance .....	12	10	2	24	30		Enteritis .....	2	4	2	8	3	3
I.—Small Pox .....	2	..	..	2	17		Peritonitis .....	1	2	..	3	2	2
Measles .....	9	..	..	9	28		Tabes Mesenterica.....	11	..	..	11	8	8
Scarlatina .....	13	1	..	14	26		Worms .....	6	..	..	6	6	6
Whooping Cough .....	38	..	..	38	47		Ascites .....	..	2	1	3	1	1
Croup .....	6	..	..	6	9		Ulceration (of Intestines, &c.) ..	..	..	..	..	2	2
Thrush .....	3	..	..	3	3		Hernia .....	..	3	3	6	3	3
Diarrhoea.....	8	3	2	13	7		Colic or Ileus .....	1	..	1	2	3	3
Dysentery .....	..	..	..	..	2		Intussusception .....	2	..	..	2	4	4
Cholera .....	..	..	..	..	3		Stricture (of the Intestinal Canal) ..	..	..	..	..	5	5
Influenza .....	2	..	6	8	3		Hamatemesia.....	..	..	..	..	8	8
Ague .....	..	..	..	..	4		Disease of Stomach, &c. ....	3	3	2	8	5	5
Remittent Fever.....	2	..	..	2	6		Disease of Pancreas .....	..	..	..	..	2	2
Typhus .....	13	14	5	32	32		Hepatitis .....	..	2	..	2	2	2
Erysipelas .....	4	2	..	6	6		Jaundice .....	..	..	1	1	2	2
Syphilis .....	2	1	..	3	1		Disease of Liver, &c. ....	..	10	5	15	10	10
Hydrophobia .....	..	..	..	..	1		Disease of Spleen.....	..	..	..	..	2	2
II.—Hæmorrhage .....	..	..	..	..	2		VII.—Nephritis.....	..	1	1	2	5	5
Dropsy .....	..	11	6	17	32		Ischuria .....	..	..	2	2	7	7
Abscess .....	1	1	..	2	2		Diabetes .....	..	..	..	..	6	6
Noma .....	..	..	..	..	2		Cystitis .....	..	..	..	..	4	4
Mortification .....	..	..	2	2	4		Stone .....	2	2	..	4	4	4
Parpura .....	1	1	..	2	3		Stricture (of the Urethra) ..	..	1	1	2	9	9
Scrofula .....	4	2	..	6	3		Disease of Kidneys, &c. ....	1	6	3	10	5	5
Cancer .....	..	12	7	19	12		VIII.—Childbirth .....	..	7	..	7	8	8
Tumour .....	..	..	..	..	1		Paramenia .....	..	..	..	..	2	2
Gout .....	..	2	..	2	1		Ovarian Dropsy .....	..	2	1	3	8	8
Atrophy .....	19	2	2	23	12		Disease of Uterus, &c. ....	..	3	2	5	2	2
Debility .....	17	4	..	21	23		IX.—Arthritis .....	..	1	..	1	1	1
Malformations .....	3	..	..	3	2		Rheumatism .....	1	3	1	5	3	3
Sudden Deaths (including Coroners' Inquests, in which it is not shown from what diseases or causes the persons died.)	5	2	3	10	16		Disease of Joints, &c. ....	2	2	..	4	4	4
III.—Cephalitis .....	7	1	..	10	12		X.—Carbuncle .....	..	..	..	..	1	1
Hydrocephalus .....	29	..	..	29	37		Phlegmon .....	1	..	1	2	2	2
Apoplexy .....	1	7	15	23	24		Ulcer .....	1	2	1	4	8	8
Paralysis .....	1	8	25	34	22		Fistula.....	..	..	..	..	4	4
Convulsions .....	37	..	..	37	54		Disease of Skin, &c. ....	..	..	..	..	6	6
Tetanus .....	..	..	..	..	5		XI.—Old Age .....	..	..	69	69	81	81
Chorea .....	1	..	..	1	1		XII.—Intemperance .....	..	..	..	..	9	9
Epilepsy .....	..	6	..	6	5		Privation.....	..	..	..	..	7	7
Insanity .....	..	1	2	3	1		Violent Deaths .....	12	10	2	24	28	28
Delirium Tremens.....	..	1	1	2	2		Causes not Specified.....	..	..	1	1	6	6
Disease of Brain, &c. ....	5	3	4	12	12								

Weekly Average derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population		Deaths registered in the Week		Births registered in the Week	
Males .....	542	Males .....	554	Males .....	779
Females .....	526	Females .....	599	Females .....	746
Total .....	1068	Total .....	1153	Total .....	1525
Deaths registered in this the fifth week of the first quarter, and in each of the corresponding weeks of the same quarter of the seven preceding years:—					
(1840) ..	(1841) ..	(1842) ..	(1843) ..	(1844) ..	(1845) ..
818	926	1025	780	1086	1011
					901
					1138
Deaths in the districts added in 1847.....					
15					

NOTE.—The above return contains births and deaths which occurred in the sub-district of Hampstead; and in the sub-districts of Plumstead and Charlton, Lee, Lewisham, Eltham, and Sydenham, added at the commencement of this year for the first time. The increase which arises from these additional returns amounts, for the present week, to 12 births and 15 deaths.

DISTRICTS OF LONDON, Comprising 135 Registrars' Districts.		Area in square Miles	Population Enu- merated in 1841	Weekly Average derived from Deaths of 1842-6, and corrected for increase of Population	DEATHS registered in the Week	BIRTHS registered in the Week
				5 Winters		
WEST DISTRICTS	{ Kensington; Chelsea; St. George, Hanover-square; Westminster; St. Martin in the Fields; St. James .....	17.2	301,326	158	159	197
NORTH DISTRICTS	{ St. Marylebone; St. Pancras; Islington; Hackney; part of Edmonton, viz. Hampstead .....	20.5	376,396	203	202	301
CENTRAL DISTRICTS	{ St. Giles and St. George; Strand; Holborn; Clerkenwell; St. Luke; East London; West London; City of London .....	2.8	374,759	198	192	251
EAST DISTRICTS	{ Shoreditch; Bethnal Green; Whitechapel; St. George in the East; Stepney; Poplar .....	8.8	393,247	222	278	351
SOUTH DISTRICTS	{ St. Saviour; St. Olave; Bermondsey; St. George, Southwark; Newington; Lambeth; Wandsworth and Clapham; Camberwell; Rotherhithe; Greenwich; Lewisham .....	66.2	502,483	287	322	425
TOTALS .....		115.5	1,948,211	1068	1153	1525

Births and Deaths not caused by Violence, registered in the Metropolis in the last 13 weeks, with the Mean Temperature for the same periods.

	7th Nov.	14th Nov.	21st Nov.	28th Nov.	5th Dec.	12th Dec.	19th Dec.	26th Dec.	2nd Jan.	9th Jan.	16th Jan.	23rd Jan.	30th Jan.
BIRTHS .....	1381	1429	1303	1273	1350	1252	1311	1192	1650	1347	1457	1334	1525
DEATHS (except from Violence) .....	917	893	941	921	1023	1123	1223	1228	1429	1369	1261	1211	1129
Diarrhoea .....	19	15	17	13	15	22	22	17	11	13	19	12	13
Dysentery .....	1	5	5	3	2	1	3	1	3	3	3	3	1
Cholera .....	1	1	..	1	1	1	1	..	..	..	2	..	..
Typhus .....	47	48	58	42	48	59	34	43	49	39	40	28	32
Mean Temperature .....	49°1	44°1	47°8	45°8	32°0	35°9	29°9	36°3	29°0	37°3	32°2	32°6	41°7

\* The District of Lewisham and Sub-district of Hampstead were added to "London" in the week ending 2nd January; the Births and Deaths therefore are not contained in the previous weeks.

## EXTRACTS FROM THE METROPOLITAN RETURNS OF THE PREVIOUS WEEK, No. 4.

(The tabular abstract on the first page is for the week ending Saturday, Jan. 30th. The following selection of cases is made from the returns for the week ending Jan. 23rd.)

NOTE.—M. or F. at the beginning of an entry indicates sex; the numerals which follow, mark the age at death, in years, except when otherwise stated. The italics at the end of an entry shew the duration of illness; and when the place is supplied by an asterisk (\*), the Coroner, Medical Practitioner, or other Informant, has not been able to ascertain, or has omitted to state the time in which the person has been subject to the disease or injury which has proved fatal. It should invariably be stated that duration of illness could not be ascertained, when this is the case.

### RETURNS OF VIOLENT DEATHS, MADE CHIEFLY BY CORONER.

NOTE.—The cases of violence not returned by the Coroner, have the words "no inquest."

Fractures and Contusions:—	duration	Drowning:—	duration	Burns and Scalds (continued):—	duration
Sailor, 24, fractured skull and injuries, by accidentally falling from the mast-head of a French vessel in the River Thames .....	36 hours	Widow, 66, drowned—by what means she came into the water no proof—no marks of violence (an habitual drunkard) .....		Son of an engineer, 4, burns from the clothes taking fire at a room-grate, without a guard, in absence of a friend .....	11 hours
F. 75, accidental death from a fall and injury to her head and back .....	5 days			Daughter of a labourer, 4, { slight burns of the neck and one arm .....	13 days
F. 72, { fracture of the neck of the thigh bone .....	6 months	Hanging and Suffocation:—		F. 9 mon., accidental death by scalds from a saucepan of water falling over her .....	*
(no inquest) { paralysis of bladder and rectum. (How was fracture caused?) .....		Barmaid, 23, hanged herself in a temporary state of insanity, to a bedpost.		M. 4 (no inquest), convulsions, consequent on severe burns of the face, neck, and arm .....	14 days
M. 84, { fracture of cervix femoris .....	4 years	Son of a lithographic writer, 9 wks., suffocation when being carried in the arms of his nurse, wrapped in shawls.			
(no inquest) { paralysis (How was fracture caused?) .....				Poison:—	
F. 68, inflammation of the peritoneum and duodenum, from a blow or kick—manslaughter against Miles Phillips, her husband .....	3 days	Burns and Scalds:—		Wife of a constable of police, 43, essential oil of bitter almonds, stolen from a shop, taken in porter while drunk, in ignorance of its poisonous effects .....	10 mins
		In King's College Hospital, M. 4, burn .....	15 mins.		
		(How was it caused?)			

### THIRTEEN HOSPITALS.—CAUSES OF DEATHS (NOT VIOLENT) AS RETURNED BY THE MEDICAL OFFICERS.

NOTE.—Deaths in hospitals from fractures, wounds, burns, scalds, poison, are not contained in this list. See deaths by violence.

St. George's H.:—	duration	Fever H. (continued):—	duration	London H. (continued):—	duration
F. 48, diseased heart—bronchitis—effusion into pleura .....	*	F. 22, { bronchitis—pleurisy .....	about a month	F. 56, { strangulated femoral hernia .....	43 hours
F. 51, { erysipelas and abscess .....	9 weeks	(post mort.) { from St. George's, Southwark—in hospital 2 days.		{ operation .....	
{ secondary abscess .....	8 days	F. 19, { scrofulous disease of hip .....	many years	St. Thomas' H.:—	
Westminster H.:—		(post mort.) { disease of liver .....		F. 19, { attack of erysipelas .....	*
M. 28, phthisis .....	*	from St. Pancras.		{ subfascial abscess in the right thigh .....	12 weeks
M. 68, diseased prostate .....	1 year	Small Pox H.:—No Deaths registered.		F. 26 (post mort.), albuminuria—Bright's disease .....	*
F. 21, pleuro-pneumonia .....	*	King's College H.:—		F. 19, cardiac disease .....	*
Charing Cross H.:—		F. 44, cancer of the stomach .....	about 1 year	Guy's H.:—	
M. 29 (post mort.), chronic bronchitis ..	several years	F. 56, { obstruction of the bowels .....	1 week	M. 16, phthisis .....	*
F. 36, mortification of the leg and thigh ..	1 week	M. 50, cancer .....	several months	M. 64, { inguinal hernia .....	*
F. 11 (post mort.), pericarditis .....	a few weeks	M. 50, { perforation of the stomach from ulcer .....		{ operation .....	*
		M. 50, { peritonitis .....	1 month	M. 35, { pleuritis .....	*
Middlesex H.:—No Deaths registered.		St. Bartholomew's H.:—		(post mort.) { pericarditis .....	*
University College H.:—		M. 39, dropsy .....	*	{ ulcerated bowels .....	*
M. 20 (post mort.), hæmoptysis—tubercles commenced .....	6 months ago	M. 39, consumption .....	9 years	M. 45 (post mort.), fungoid disease of vena cava .....	*
F. 6 mon., { nevus—tied.		M. 48, phrenitis .....	*	F. 27 (post mort.), large white kidney—peritonitis .....	*
{ double pneumonia .....	*	M. 45, cancer of the breast .....	*	F. 50 (post mort.), malignant disease of knee joint .....	*
Fever H.:—		M. 58, dropsy .....	*		
bronchitis .....	4 weeks	M. 72, retention of urine .....	*	Dreadnought H.:—	
M. 38, { hypertrophy of heart—emphysema of lungs—indurated liver.		F. 10, influenza and fever .....	*	M. 36, { syphilitic ulcers on the face .....	7 weeks
(post mort.) { granular kidneys .....	a long time	F. 46, bronchitis .....	*	{ erysipelas of face and head .....	9 days
in hospital 2 days—from Cripplegate.		London H.:—		M. 40 (post mort.), phthisis .....	22 weeks
		M. 51, diseased liver .....	6 months	M. 21 (post mort.), typhus .....	26 days
		{ strangulated hernia (crural) .....			
		F. 60, { operation .....	22 hours		
		{ gangrene of the bowel .....			

DEATHS BY SMALL POX, TYPHUS, ETC., SYPHILIS, HÆMORRHAGE, MALFORMATION, HERNIA, DIABETES, STONE, CHILDBIRTH, DELIRIUM TREMENS, INTemperance, PRIVATION, ETC.

Small Pox:—	duration
F. 2, { confluent small pox (not vaccinated) .. 13 days { convulsions .. 10 days	
F. 5 mon., small pox (natural) .. 10 days	
M. 1, variola (not stated whether vaccinated) 10 days	
M. 9, small pox (natural) .. 10 days	
M. 27, small pox (without previous vaccination) 14 days	

Typhus, &c.:—	
M. 2, fever typhoid .. 4½ weeks	
M. 3, fever—suffocative bronchitis .. *	
M. 63, fever .. *	
F. 36, fever .. 3 weeks	
F. 78, gastric fever—old age .. *	
M. 23, fever .. 14 days	
M. 9, { typhus fever .. 5 weeks { diarrhoea .. *	
M. 12, { typhus .. 15 days { diarrhoea .. *	
F. 18, { fever with inflammation of the throat, 6 days { peritonitis .. 2 days	
M. 15, fever .. 3 weeks	
M. 7, fever .. 1 month	
F. 55, { mania .. 2 weeks { typhoid fever .. 2 weeks	
M. 9, typhus .. 14 days	
M. 41, typhus fever .. *	
M. 50, fever—pneumonia .. 14 days	
M. 21, fever .. 4 weeks	
M. 55, inflammatory fever .. 10 days	
M. 5, fever .. *	
M. 14, typhus .. *	
F. 67, typhus .. 9 days	
M. 49, { febris typhoides .. 25 days { erysipelas .. 10 days	
F. 2, fever .. 3 weeks	
F. 18, { typhus fever .. 3 weeks { effusion .. 6 hours	
M. 32, fever .. 9 days	
F. 1, synochus .. 7 days	
F. 13, typhus fever .. 3 weeks	
F. 16, typhus fever .. 10 days	

Ague:—	
F. 34, { anasarca .. 2 months { ague .. 4 months	

Remittent Fever:—	
F. 4, remittent fever, accompanied with dis- ease of one ear .. 31 days	
F. 66, remittent fever .. *	
F. 1, remittent fever .. 14 days	

Syphilis:—	duration
M. 3, { secondary syphilis .. from birth { exhaustion .. *	
M. 6 weeks, syphilis .. 3 weeks	
F. 1 mon., (inquest), natural death—congenital syphilis .. *	

See Returns of Dreadnought Hospital.

Malformation:—	
F. 1, { malformation of the heart .. from birth { convulsions .. *	
M. 10 weeks, morbus coeruleus .. from birth	
M. 2 days (post mort.) obliteration of the œsophagus .. from birth	
M. 4 weeks, malformation, general .. *	
M. 12 days (post mort.) imperforate intestine; band across rectum, one inch above anus .. *	

Hernia:—	
F. 50, { enteritis .. *	
{ hernia .. *	
{ operation .. 24 hours	

See Returns of London and Guy's Hospitals.

Diabetes:—	
No deaths registered from this cause.	
Stone:—	
M. 73, stone in the bladder .. *	

Childbirth:—The time elapsing from commencement of labour to death should invariably be returned.	
F. 34, { delivery .. 5 days { exhaustion after premature labour in the 6th month of pregnancy .. *	
F. 35, { difficult labour .. 3 days { peritonitis .. 2 days	
(post mort.) { sloughing of the uterus .. *	
F. 39, { childbirth .. 7 days { puerperal fever .. 36 hours	
F. 32, metria .. 3 days	
F. 21, uterine fever .. 8 days	
F. 37, { placenta presentation .. 5 days { flooding on the 5th day after delivery .. *	
F. 44, { abortion at the 6th month, .. *	
{ irritative fever .. 17 days	
F. 39, { childbirth .. 11 days { puerperal peritonitis and mania .. 5 days	
F. 31, { phlegmasia dolens .. 3 weeks { mortification of the foot—exhaustion .. 3 days	
F. 22, premature confinement—debility .. *	
F. 24, puerperal fever .. *	
F. 22, { peritonitis .. 3 weeks { abortion .. *	

Phthisis and Childbirth:—	duration
F. 34, { phthisis .. *	
{ delivery of a still-born child .. 2 days	
Delirium Tremens:—	duration
M. 57, delirium tremens .. 15 days	
M. 62, delirium tremens .. 14 days	
M. 36, delirium tremens .. 3 days	
M. 66, delirium tremens .. 4 days	
M. 39, delirium tremens .. 12 days	

Bronchitis and Del. Trem.:—	
M. 46, { bronchitis .. *	
{ delirium tremens .. 8 days	
Intemperance:—	
F. 34, general debility from habits of intoxication .. *	
F. about 44 (inquest, post mort.) apoplectic effu- sion of blood into her brain, after exposure to cold during intoxication .. *	
M. supposed about 50, (inquest, post mort.) ossi- fication of the valves of the heart, accel- erated by intoxication .. died instantly	

Privation:—	
In Westminster, son of a vagrant, formerly a tailor, under 1 (inquest), died in the street in his mother's arms, from exposure to cold and want of sufficient nourishment. He had been carried about the streets by his mother during the intense cold for 7 hours.	

Defective Nutrition:—	
M. 3 wks., { defective nutrition .. 14 days { aphtha .. *	

Miscellaneous Causes:—	
In the House of Correction, prisoner, formerly a private in the Guards, 49 (inquest, p.m.) rupture of the bladder from chronic disease, 5 hours	
M. 22, { phthisis and fistula .. 89 days { vomica in both lungs, and adhesions .. *	
(p.m.) { abscess .. 4 days	
M. 2, { phlebitis .. 2 days	
F. 51, { noli me tangere .. 10 years { atrophy .. *	
F. 16 (post mort.), endocarditis .. 14 days	
F. 36, endocarditis .. 1 year	
M. 65, angina pectoris .. 6 years	
M. 36 (post mort.), partial suppuration and softening of the middle lobe of the brain on the right side .. *	
F. 44 (inquest), natural death, rupture of a bloodvessel of the stomach in the act of vomiting .. *	

ANALYSIS OF CASES IN WHICH INQUESTS WERE HELD.—Deaths from violence, 11; rupture of blood vessel of the head, 1; of the lungs, 1; of the stomach, 1; from ossification of the heart, 2; other diseases of the heart, 3; from other specified causes, 15; "natural," "visitation of God," &c., 9.—TOTAL 43.

THE NUMBER OF CASES in which it is recorded that a POST MORTEM EXAMINATION was made, is 48.

METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH,

During the Week ending Saturday, 30th January, 1847.

Day.	Phases of the Moon	Mean height of the Barometer, from 12 Observations, (corrected and reduced to 32 degrees Fahrenheit.)	Readings of Thermometers										Difference between the Dew Point Temperature and Air Temperature			Difference between the mean of the temperature of the sun and the mean temperature of the same day on an average of 25 years	WIND							Mean Amount of Cloud, 0-10	Rain in inches, read at 9 o'clock the next morning
			Dry			Dew Point Mean from 12 19 Rits	Highest in the sun, as shown by a self-register- ing Thermometer	Lowest on the grass, as shown by a self-register- ing Thermometer	In the Water of the Thames at Greenwich, by the self- registering Thermometer, read at 9 o'clock next morning		Mean of 12 Diff.	Greatest	Least	General Direction			Pressure in lbs. on the square foot			Amount of Horizontal Movement of the Air in each day					
			High- est from 12 Obs.	Low- est from 12 Obs.	Mean from 12 Obs.				Highest	Lowest				A.M.	P.M.		Greatest	Least	Mean of 12 Obs.						
JANUARY		in.	o	o	o	o	o	o	o	o	o	o	o	o	S.S.W. and S.	S.W. and S.	lbs. 5.5	lbs. 0.1	lbs. 1.5	Miles 375	9.6	0.18			
SUN.	24						—	34.3	37.0	34.5					S. and S.S.E.	S.S.W. and S.	7.0	0.1	1.5	220	6.9	0.05			
MON.	25	29.235	45.0	40.5	42.6	38.0	—	29.3	38.8	35.8	4.6	7.8	2.3	+4.7											
TUES.	26	29.243	49.3	39.0	44.6	40.4	56.4	36.0	39.8	37.0	4.2	8.4	0.5	+6.7	Calm and S.S.W.	S.S.W.	10.0	0.0	1.3	320	8.3	0.15			
WED.	27	Greatest declination N.	29.189	48.3	44.0	46.5	42.5	48.3	37.2	41.0	39.0	4.0	9.5	0.7	+9.2	S.W.	S. by W.	12.0	0.1	1.8	400	7.6	0.07		
THU.	28		29.015	49.0	38.0	43.7	37.8	52.3	29.0	41.5	40.0	5.9	10.5	2.3	+6.6	S.S.W.	S.W.	12.5	0.1	3.0	265	6.3	0.00		
FRI.	29		29.239	41.8	30.2	37.2	34.0	56.6	17.5	41.2	39.5	3.2	6.0	0.8	—0.4	S.	W.S.W. and Calm	0.1	0.0	0.0	50	5.6	0.02		
SAT.	30		29.388	40.5	30.0	35.4	33.5	45.5	29.5	40.5	39.0	1.9	3.8	0.0	—1.3	Calm and S.W.	Calm	0.1	0.0	0.0	50	6.1	0.01		
MEANS		29.218	45.7	37.0	41.7	37.7	51.8	30.4	40.0	37.8	4.0	7.7	1.1	+4.3	†					Sum 1680	7.2	Sum 0.48			

DAY	ELECTRICITY	Circumstances accompanying the exhibition of Electricity	GENERAL REMARKS
SUN.	No electricity was shown at any examination throughout the day.	See General Remarks.	Generally overcast throughout the day. Rain was falling occasionally during the morning, and from noon till 4h. p.m.
MON.	Positive but weak at 2h. a.m. Positive with tension moderate from 9h. a.m. throughout the remainder of the day. Nothing was shown at any other times.	See General Remarks.	The greater part of the sky was clear during the afternoon. Generally overcast with cirrostratus and scud at other times. Slight rain was falling occasionally during the evening. The wind was blowing in frequent gusts to 4lbs. on the square foot, and at 2h. 50m. a.m. a pressure of 7lbs on the square foot was shown at the anemometer.
TUES.	Positive and tension moderate from 7h. a.m. till 8h. p.m.	See General Remarks.	The sky was overcast throughout the day, except from 9h. a.m. till noon, when it was about one-third covered with fleecy clouds and scud. At about 7h. p.m. a shower of rain fell. There were frequent gusts of wind to 4lbs. on the square foot throughout the day. At 11h. 50m. a pressure of 10lbs. on the square foot was recorded.
WED.	Positive and occasionally active from noon till 10h. p.m.	See General Remarks.	About one-third of the sky was covered till 8h. a.m. Generally overcast during the remainder of the day. Rain was falling between 7h. and 9h. p.m. There were occasional gusts of wind to 5lbs. on the square foot throughout the day, and at 4h. 50m. a.m. a pressure of 12lbs. on the square foot was recorded.
THURS.	At about 3h. 20m. p.m. very active ne- gative electricity was shown. Positive and tension strong from 9h. p.m. till midnight. Nothing was shown at any other times.	A dark cloud passing over the zenith See General Remarks.	The greater part of the sky was covered with cloud till 4h. p.m. Generally cloudless during the remainder of the day. Rain was falling occasionally during the morning. At 6h. 30m. a.m., and at 11h. a.m. pressures of 12lbs. and 12½lbs on the square foot occurred respectively.
FRID.	Positive and tension occasionally strong from noon till midnight.	See General Remarks.	Cloudless at 5h. 20m. a.m., and also from 5h. p.m. to midnight. At other times it was generally overcast.
SAT.	Positive and tension strong throughout the greater part of the day.	See General Remarks.	Cloudless till 8h. a.m., from which time till 11h. a.m. it was about one-half covered with cirro- stratus and scud. Overcast during the remainder of the day. Slight rain was falling at about 3h. p.m.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The amount of clouds is estimated by considering a clear sky to be represented by 0, a cloudy sky by 10; and when partially cloudy by estimating the number of tenths of the whole sky covered with cloud. The observations are taken every two hours, day and night.

The readings of the two self-registering thermometers, the one placed in the full rays of the sun, and the other placed on grass fully exposed to the sky, are taken every morning at 9 A.M., and therefore exhibit the highest and lowest readings respectively, that have occurred in the previous 24 hours. They are, however, placed here opposite to the civil day which precedes that on which the thermometers are read.

Whewell's anemometer (from the indications of which the estimation of horizontal movement is made) is read at 10 A.M., and the result given is for the 24 hours preceding. It is placed here opposite to the civil day, which precedes that on which the anemometer is read.

The average temperature for 25 years is furnished by Mr. Henry, Assistant at the Royal Observatory, from the observations made at his residence in the neighbourhood of Greenwich Park.

\* In reading the 16th column, it will be borne in mind that + is read "higher," and — "lower," than the average.

The temperature of the water of the Thames is ascertained by the use of a self-registering thermometer, suspended from the side of the Dreadnought Hospital Ship, at the depth of about 2 feet below the surface. The readings of this instrument are registered under the superintendence of Lieutenant Sanders, R.N., Superintendent of the Dreadnought. The mean reading of a thermometer placed on the mainmast, and read each day at 6h. 30m. A.M., was 40.2; and the mean reading at 7h. 30m. P.M., was 41.7; the mean readings at the Royal Observatory for the same times were 39.3 and 40.5 respectively.

† The mean direction of the wind for the week is S.S.W. A gale of considerable violence continued with some intermission from the morning of Sunday, Jan. 24, to the afternoon of Thursday, Jan. 28. The ordinary observations were resumed at the beginning of the week.

# A TABLE OF Births and Deaths registered in London, During the Week ending Saturday, February 6th, 1847.

ANNUAL SERIES VIII.]

PUBLISHED BY AUTHORITY OF THE REGISTRAR GENERAL.

[No. 6.]

Causes of Death	Age			Total	Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population	5 Winters	Causes of Death.	Age			Total	Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population	5 Winters
	0 to 15	15 to 60	60 and upwards					0 to 15	15 to 60	60 and upwards			
ALL CAUSES.....	427	378	297	1103	1068		IV.—Laryngitis .....	5	1	..	6	1	
SPECIFIED CAUSES .....	426	376	297	1100	1061		Quinsey .....	..	1	1	2	1	
I.—Zymotic (or Epidemic, Endemic, and Contagious) Diseases.....	103	29	10	142	183		Bronchitis .....	29	33	49	111	39	
SPORADIC DISEASES—							Pleurisy .....	..	5	1	6	2	
II.—Dropsy, Cancer, and other Diseases of uncertain or variable Seat .....	57	21	23	101	112		Pneumonia .....	87	10	17	114	98	
III.—Diseases of the Brain, Spinal Marrow, Nerves and Senses ..	78	36	40	155	170		Hydrothorax .....	..	2	7	9	7	
IV.—Diseases of the Lungs, and of the other Organs of Respiration ..	140	200	110	450	354		Asthma .....	..	12	24	36	40	
V.—Diseases of the Heart and Blood-vessels .....	1	26	22	49	32		Phthisis (or Consump- tion) .....	16	125	7	148	147	
VI.—Diseases of the Stomach, Liver, and other Organs of Digestion ..	40	28	14	82	70		Disease of Lungs, &c....	3	11	4	18	19	
VII.—Diseases of the Kidneys, &c....	..	5	3	8	8		V.—Pericarditis.....	..	..	1	1	2	
VIII.—Childbirth, Diseases of the Uterus, &c. ....	..	13	..	13	12		Aneurism .....	..	..	1	1	1	
IX.—Rheumatism, Diseases of the Bones, Joints, &c.....	3	3	1	7	7		Disease of Heart, &c. ....	1	26	20	47	30	
X.—Diseases of the Skin, Cellular Tissue, &c. ....	1	2	..	3	2		VI.—Teething.....	10	..	..	10	16	
XI.—Old Age .....	..	..	68	68	81		Gastritis .....	..	1	..	1	1	
XII.—Violence, Privation, Cold and Intemperance .....	3	13	6	22	30		Enteritis .....	6	2	1	9	14	
I.—Small Pox .....	7	..	..	7	17		Peritonitis .....	1	4	..	5	2	
Measles .....	8	..	..	8	28		Tabs Mesenterica.....	12	2	..	14	8	
Scarlatina .....	14	3	..	17	26		Worms .....	2	..	..	2	6	
Hooping Cough .....	36	..	..	36	47		Ascites .....	..	1	..	1	1	
Croup .....	2	..	..	2	9		Ulceration (of Intestines, &c.) .....	..	3	..	3	2	
Thrush .....	7	..	..	7	3		Hernia .....	1	3	4	8	3	
Diarrhoea.....	11	3	2	16	7		Colic or Ileus.....	2	..	1	3	3	
Dysentery .....	..	1	2	3	2		Intussusception .....	..	..	..	..	4	
Cholera .....	..	..	..	..	3		Stricture (of the Intestinal Canal) .....	..	..	..	..	5	
Influenza .....	1	1	2	4	3		Hæmatemesis .....	..	..	..	..	8	
Ague .....	..	..	..	..	4		Disease of Stomach, &c. ..	4	2	2	8	5	
Remittent Fever.....	2	..	1	3	6		Disease of Pancreas .....	..	..	..	..	..	
Typhus .....	12	14	2	28	32		Hepatitis .....	..	2	3	5	2	
Erysipelas .....	3	6	1	10	6		Jaundice .....	2	..	..	2	2	
Syphilis .....	..	1	..	1	1		Disease of Liver, &c. ....	..	8	3	11	10	
Hydrophobia .....	..	..	..	..	1		Disease of Spleen.....	..	..	..	..	2	
II.—Hæmorrhage .....	1	2	..	3	2		VII.—Nephritis.....	..	..	..	..	5	
Dropsy .....	..	4	9	13	32		Ischuria .....	..	..	..	..	7	
Abscess .....	..	..	..	..	2		Diabetes .....	..	..	..	..	6	
Noma .....	..	..	..	..	2		Cystitis .....	..	..	1	1	4	
Mortification .....	1	..	4	5	4		Stone .....	..	..	..	..	4	
Purpura .....	2	..	..	2	3		Stricture (of the Urethra) ..	..	1	..	1	9	
Scrofula .....	1	2	..	3	3		Disease of Kidneys, &c. ..	..	4	2	6	5	
Cancer .....	..	11	3	14	12		VIII.—Childbirth .....	..	8	..	8	8	
Tumour .....	..	..	..	..	1		Paramenia .....	..	1	..	1	2	
Gout .....	..	..	3	3	1		Ovarian Dropsy .....	..	2	..	2	8	
Atrophy .....	18	..	3	21	12		Disease of Uterus, &c. ....	..	2	..	2	2	
Debility .....	29	2	..	31	23		IX.—Arthritis .....	..	..	..	..	1	
Malformations .....	5	..	..	5	2		Rheumatism .....	..	..	1	1	3	
Sudden Deaths (including Coroners' Inquests, in which it is not shewn from what diseases or causes the persons died.)	..	..	1	1	16		Disease of Joints, &c. ....	3	3	..	6	4	
III.—Cephalitis .....	8	3	..	11	12		X.—Carbuncle .....	..	..	..	..	1	
Hydrocephalus .....	29	..	..	29	37		Phlegmon .....	1	..	..	1	2	
Apoplexy .....	5	8	16	30	24		Ulcer .....	..	2	..	2	8	
Paralysis .....	..	7	19	26	22		Fistula .....	..	..	..	..	4	
Convulsions.....	32	..	..	32	54		Disease of Skin, &c.....	..	..	..	..	6	
Tetanus .....	..	..	..	..	5		XI.—Old Age .....	..	..	68	68	81	
Chorea .....	..	..	..	..	1		XII.—Intemperance .....	..	1	..	1	9	
Epilepsy .....	..	10	..	10	5		Privation.....	1	..	..	1	7	
Insanity .....	..	..	1	1	1		Violent Deaths .....	2	12	6	20	28	
Delirium Tremens.....	..	2	1	3	2		Causes not Specified.....	1	2	..	3	6	
Disease of Brain, &c. ....	4	6	3	13	12								

Weekly Average derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population

Males .....

Deaths registered in the Week

Males .....

Births registered in the Week

Males .....

Deaths registered in this the sixth week of the first quarter, and in each of the corresponding weeks of the same quarter of the seven preceding years:—  
(1840) (1841) (1842) (1843) (1844) (1845) (1846) (1847) (average of the series of weeks, exclusive of the last) 981  
813 1137 1042 864 1076 1018 914 1094  
Deaths in the districts added in 1847..... 9

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NOTE.—The above return contains births and deaths which occurred in the sub-district of Hampstead; and in the sub-districts of Plumstead and Charlton, Lee, Lewisham, Eltham, and Sydenham, added at the commencement of this year for the first time. The increase which arises from these additional returns amounts, for the present week, to 27 births and 9 deaths.

\* The age of 1 person, whose death is assigned to apoplexy, is not stated.  
NOTE.—Three persons, whose deaths are included in the above return, died at upwards of 100 years; viz., a female, in the sub-district of Mile-end, Old Town (upper part) from "natural decay," at the age of 101 years; a male, in St. John's, St. Marylebone, from "gangrena senilis," aged 102 years; and a male, in the North-east sub-district of the City of London, from "old age," at 104 years.

DISTRICTS OF LONDON, (Comprising 135 Registrars' Districts.			Area in square Miles	Population Enume- rated in 1841	Weekly Average Deaths derived from 1842-5, and corrected for increase of Population	DEATHS registered in the Week	BIRTHS registered in the Week
					5 Winthers		
WEST- DISTRICTS	{ Kensington; Chelsea; St. George, Hanover-square; Westminster; St. Martin in the Fields; St. James		17.2	301,326	158	171	166
NORTH DISTRICTS	{ St. Marylebone; St. Pancras; Islington; Hackney; part of Edmonton, viz. Hampstead		20.5	376,396	203	233	255
CENTRAL DISTRICTS	{ St. Giles and St. George; Strand; Holborn; Clerkenwell; St. Luke; East London; West London; City of London		2.8	374,759	198	182	220
EAST DISTRICTS	{ Shoreditch; Bethnal Green; Whitechapel; St. George in the East; Stepney; Poplar		8.8	393,247	222	229	282
SOUTH DISTRICTS	{ St. Saviour; St. Olave; Bermondsey; St. George, Southwark; Newington; Lambeth; Wandsworth and Clapham; Camberwell; Rotherhithe; Greenwich; Lewisham		66.2	502,483	287	288	403
TOTALS			115.5	1,948,211	1068	1193	1326

Births and Deaths not caused by Violence, registered in the Metropolis in the last 13 weeks, with the Mean Temperature for the same periods.

	14th Nov.	21st Nov.	28th Nov.	5th Dec.	12th Dec.	19th Dec.	26th Dec.	2nd Jan.	9th Jan.	16th Jan.	23rd Jan.	30th Jan.	6th Feb.
BIRTHS	1429	1303	1273	1350	1252	1311	1192	1650	1347	1457	1334	1525	1326
DEATHS (except from Violence)	893	941	921	1023	1123	1223	1228	1429	1369	1261	1211	1129	1083
Deaths (except from Violence) at 60 yrs. & upwards	190	211	203	238	295	327	375	429	391	368	320	337	291
Bronchitis	67	62	56	77	106	147	154	163	168	152	172	159	111
Pneumonia	69	97	83	99	114	144	146	133	136	128	118	126	114
Asthma	12	20	23	34	33	60	53	71	88	56	67	44	36
Mean Temperature	44.1	47.8	45.8	32.0	35.9	29.9	36.3	29.0	37.3	32.2	32.6	41.7	34.8

\*The District of Lewisham and Sub-district of Hampstead were added to "London" in the week ending 2nd January; the Births and Deaths therefore are not contained in the previous weeks.

EXTRACTS FROM THE METROPOLITAN RETURNS OF THE PREVIOUS WEEK, No. 5.

(The tabular abstract on the first page is for the week ending Saturday, Feb. 6th. The following selection of cases is made from the returns for the week ending Jan. 30th.)

NOTE.—M. or F. at the beginning of an entry indicates sex; the numerals which follow, mark the age at death, in years, except when otherwise stated. The italics at the end of an entry shew the duration of illness; and when the place is supplied by an asterisk (\*), the Coroner, Medical Practitioner, or other Informant, has not been able to ascertain, or has omitted to state the time in which the person has been subject to the disease or injury which has proved fatal. It should invariably be stated that duration of illness could not be ascertained, when this is the case.

RETURNS OF VIOLENT DEATHS, MADE CHIEFLY BY CORONER.

NOTE.—The cases of violence not returned by the Coroner, have the words "no inquest."

Fractures and Contusions	duration	Wounds	duration	Burns and Scalds (continued)	duration
In Charing Cross Hospital, wife of a broker, 35, (post mort.)—compression of the brain, from fracture of the base of the skull—fell down stairs at No. 5, Great Earl Street, Seven Dials	2 days	In King's College Hospital, bricklayer, 46, temporary insanity, from delirium tremens—cut his throat with a table knife, at No. 60, New Compton Street, on 31st December, 1846; and again with his penknife in King's College Hospital, on the following day.		In St. Thomas' Hospital, son of a labourer, 4, burnt by his pinafore taking fire from a candle falling on it (at Redcross Square, Tower Street)	19 hours
In King's College Hospital, daughter of a widow 14 (post mort.),		After first wound	46 hours	In St. Thomas' Hospital, son of an eating house keeper, 5, burnt by his pinafore taking fire, whilst at play (at Great Guildford Street, Southwark)	21 hours
natural—from inflammation of the lungs and disease of the heart	15 days	After second wound	25 hours	In Guy's Hospital, son of a labourer, 6, burnt by his clothes taking fire, whilst playing with fire (at New Cross)	7 hours
curvature of the spine, and malformation of the chest, caused by a fall from the nurse's arms	10 years	In Guy's Hospital, engineer, 50, wound on his throat, inflicted at Woolwich, but no evidence how	10 weeks	In St. Thomas' Hospital, daughter of a leather cutter, 12, burnt by her pinafore taking fire, by a spark which came from the fire (at Old Kent Road)	1 week
Single woman, housekeeper, about 33, (post mort.), concussion and compression of the brain—fell down stairs when intoxicated about 45 mins.		Wife of a labourer, 29, vomiting of blood, from laceration of the gullet, by swallowing a fish bone accidentally	7 days	In St. Thomas' Hospital, son of a labourer, 2, burnt by his clothes taking fire, whilst alone (at Walworth)	9 days
In Guy's Hospital, cowkeeper, 49; delirium tremens, brought on by a fracture of the patella, from slipping down in the frost (at Camberwell)	3 days	Hanging and Suffocation		In Guy's Hospital, daughter of a labourer, 2, burnt by her clothes taking fire, whilst alone in a room (in Winchester Street, Southwark)	7 hours
M. 51, fracture of the base of the skull, from an accidental fall down a flight of stairs	12 days	M. 47, suicide by hanging, in temporary derangement	*	In Guy's Hospital, daughter of a labourer, 5, burnt by her clothes taking fire in her father's room (at Burdett Street, Lambeth)	30 hours
In Guy's Hospital, spinster, 72, effects of a fractured thigh, from being run over by a cabriolet, whilst crossing Blackfriars' Road	3 weeks	M. 69, choked with a piece of bread	*	In Guy's Hospital, stoker at a brewery, 25, scalded by falling into a copper of hot water (at Lambeth)	12 hours
Son of a labourer, 11, accidentally run over by a waggon, and	killed on the spot	In Guy's Hospital, son of a tanner, 5, burnt by his bedgown taking fire, from a lucifer match (at Bermondsey)	36 hours	F. 6, (scald on the chest	6 weeks
F. 20, found dead in the River Thames, with a fracture of her skull—but no evidence how caused—had been in the water probably	2 months			(no inquest) { inflammatory fever	10 days

THIRTEEN HOSPITALS.—CAUSES OF DEATHS (NOT VIOLENT) AS RETURNED BY THE MEDICAL OFFICERS.

NOTE.—Deaths in hospitals from fractures, wounds, burns, scalds, poison, are not contained in this list. See deaths by violence.

St. George's H.	duration	Charing Cross H.	duration	St. Bartholomew's H.	duration
M. 60, { extensive disease of the heart, (anasarca	about 9 months	M. 54 (post mort.), bronchitis	many years	M. 40, phthisis	*
M. 60, bronchitis	*	F. 56, { strangulated femoral hernia	*	M. 45, dropsy	*
F. 48, diseased heart and kidneys—anasarca—bronchitis	*	(post mort.) { operation	31 hours	M. 30, { emphysema of the lungs	*
F. 37, diseased heart and kidneys—fatty liver	*	See Violent Deaths.		M. 30, { chronic disease of the heart	*
		Middlesex H.—No Deaths registered.		strangulated hernia	*
		University College H.—No Deaths registered.		M. 24, { operation	*
		Fever H.—No Deaths registered.		peritonitis	*
		Small Pox H.—No Deaths registered.		M. 15, inflammation of the brain	*
		King's College H.—		F. 47, chronic bronchitis and emphysema	*
		M. 43, aneurism	*	F. 36, inflammation after thecaesarian operation	36 hours
		F. 46, ovarian dropsy	several months	F. 52, { paralysis of lower extremities	5 months
				pneumonia	4 weeks
See Violent Deaths.		See Violent Deaths.			

THIRTEEN HOSPITALS.—CAUSES OF DEATH (NOT VIOLENT) AS RETURNED BY THE MEDICAL OFFICERS (continued):—

London H.:—		St. Thomas' H.:—		Dreadnought H.:—	
	duration		duration		duration
M. 6, lithotomy	11 months	M. 36, abdominal tumor (the nature not ascertained by post mortem examination)	*	M. 17 (post mort.), erysipelas inflammation of the peritoneum	38 hours
M. 59, chronic abscess	8 months	F. 50, cancer of the breast	long duration	M. 23, (ascites)	3 months
M. 41, pneumonia (left lung)	9 months	M. 48, pleuro-pneumonia	*	(post mort.) paracentesis	6 weeks
(post mort.) phthisis	6 months	Guy's H.:—		(post mort.) contracted aortic orifice	*
pleuritic effusion of right side	48 hours	M. 16, stone in the bladder	*	M. 35, phthisis	4 months
complete obstruction of intestines	9 days	M. 25, phthisis	*	(post mort.) tubercular deposit in both lungs	*
enteritis	6 days	M. 58, stricture of the urethra; the bulb suddenly locked up by a small calculus (uric acid)	*	M. 28, (strumous cervical glands)	*
M. 17, stricture and strangulation of two convolutions of ilium, by an appendix vermiformis of large intestine, which had become adherent to ilium at a former period from inflammation		M. 59, stricture of urethra	on 3rd day	(post mort.) erysipelas	7 days
F. 49, consumption	8 months	F. 24, phthisis	2 years	(post mort.) large cavity in the left lung	*
				(post mort.) suppuration beneath the jaw, and oedema of the glottis	*

DEATHS BY SMALL POX, TYPHUS, ETC., SYPHILIS, HÆMORRHAGE, MALFORMATION, HERNIA, DIABETES, STONE, CHILDBIRTH, DELIRIUM TREMENS, INTERFERENCE, PRIVATION, ETC.

Small Pox:—	duration	Syphilis:—	duration	Gout and Del. Trem.:—	duration
M. 9, small pox and exhaustion	1 month	M. 89, secondary syphilis—dropsy	*	M. 37, {gout in the stomach	7 days
M. 2, small pox	11 days	M. 2 mon., syphilis	from birth	delirium tremens	3 days
In both cases it should have been stated whether vaccination had been performed.					
Typhus, &c.:—		Malformation:—		Privation:—	
F. 26, typhus fever	*	M. 5 days, spina bifida	*	No deaths registered from this cause.	
M. 3, fever	4 weeks	F. 5 weeks, malformation of the mouth and throat.	*	Miscellaneous Causes:—	
M. 3, {typhoid fever	10 days	F. 27 days, spina bifida.	*	F. 49, {chronic tumor of right mamma .. about 28 days	
M. 3, {jaundice	10 days			(p.m.) {followed by inflammation and sup-	7 days
M. 3, {inflammation of brain	30 hours			secondary deposit in and about the left	
				knee-joint	21 days
F. 15, low fever	*	Hernia:—		M. 1, worms (lumbricus); irritation affecting	
M. 45, typhus mitior	15 days	F. 68 (p.m.), strangulation of the colon—	*	the brain	4 weeks
M. 1, {fever	3 weeks	peritonitis	7 days	M. 66, {podagra	28 years
M. 1, {bronchitis	10 days	M. 65, hernia with abdominal effusion	*	ischuria urethralis	8 years
F. 72, {fever	5 weeks	F. 65, rupture	1 month	F. 60, ischuria	
F. 72, {debility	2 weeks	M. 56, {strangulated femoral hernia	*	{gallstones—ulceration of gall bladder, 12 days	
M. 2, anasarca succeeding eruptive fever—		operation	7 hours	F. 68, {suppuration in a portal vein	
hydrocephalus	*			(p.m.) {congestion—ulceration of intestines	
M. 33, fever	6 weeks	See Charing Cross and St. Bartholomew's Hospitals.		{hæmorrhage from intestines	4 days
M. 33, {fever	14 days	Stone:—		ulcers of legs	10 years
F. 2, {hydrocephalus	7 days	M. 11, calculus—phthisis	many years	F. 45, {healing suddenly	
M. 4, {fever	14 days	See London and Guy's Hospitals.		apoplexy	1 month
M. 4, {effusion on the brain	3 days			rupture of anterior cerebral artery	
M. 4, {convulsions	2 days			otorrhœa	20 days
F. 53, typhus fever	6 days	Childbirth:—The time elapsing from commencement		M. 13, {otitis and fever	
M. 4, {continued fever	3 weeks	of labour to death should invariably be returned.		Query. Abscess within the cranium?	
F. 18, {pneumonia	1 week	F. 29 (p.m.), uterine phlebitis	3 days	inflammatory ramolissement of the	
F. 18, {diarrhœa	1 week	F. 25, {childbirth	5 days	heart	laid by 48 hours
F. 62, {bronchitis	28 days	low typhus with petechiæ	*	F. 57, {suppurative inflammation in the right	
F. 62, {fever	8 days	childbirth	15 days	(p.m.) {pectoralis major	56 hours
F. 18, gastric fever	about 28 days	F. 25, {erysipelas inflammation of the vulva,		effusion of 12 oz. gummeous blood in	
F. 7, fever	5 weeks	extending to uterus and peritoneum, 8 days		the right cavity of the chest.	
F. 3, {typhoid fever	*	chronic bronchial cough before child—		F. 43, {uterine congestion	
F. 3, {typhus	15 days	birth	6 weeks	(p.m.) {cerebral excitement	5 weeks
M. 12, typhus	7 weeks	F. 38, {childbirth	4 days	exhaustion with typhoid fever	
M. 34, synochus—pneumonia	*	erysipelas peritonitis	42 hours	purpura hæmorrhagica	8 months
F. 73, typhus fever	1 month	pleuritis with effusion	12 hours	F. 11, {acute bronchitis	2 weeks
F. 30, fever and cynanche tonsillaris—dyspnœa		F. 27, inflammation of the uterus after labour, 6 days		(p.m.) {enlargement of heart, liver, and kidneys.	
—syncope	*	F. 41, {childbirth	(Query 4 days?) 1 day	congestion and effusion into both lungs.	
M. 19, fever	*	F. 41, {puerperal peritonitis	3 days	F. 1, cynanche parotidæa	*
F. 89, fever—exhaustion	*	See St. Bartholomew's Hospital.		F. 45, {carcinomatous ulceration of the breast	
F. 26, typhus gravior	3 weeks	Infantile Fever:—		operation	15 months ago
F. 47, fever	6 weeks	M. 10 weeks, infantile fever	7 days	peritonitis and enteritis	5 weeks
F. 46, typhus fever	6 days	F. 14 weeks, infantile fever	*	perforation of bowels with fistulous	
M. 14, fever—congestion of the lungs	21 days	F. 3, infantile remittent fever	*	opening through the navel	2 weeks
M. 4, typhus fever	2 weeks	F. 9 mon., infantile remittent fever	7 days	M. 17 (p.m.), cauliflower excrescences on the	
M. 6, typhus—phthisis	*	M. 1, infantile remittent fever	11 days	valves of the aorta	1 year
F. 26, fever—bronchitis	10 days			tubercles in the liver	2 years
Remittent Fever:—		Delirium Tremens:—		F. 46, {peritonitis—dropsy—ascites and anasarca—exhaustion after the discharge	
F. 1, {remittent fever—eczema	4 weeks	M. 44, delirium tremens	*	of 25 pints of fluid by paracentesis, 12 hours	
F. 1, {bronchitis and pneumonia	1 week	M. 60, delirium tremens	10 days	M. 70, hydrocele	some months
F. 1, {remittent fever	4 weeks			{cirrhosis of liver	
(p.m.) {empyema	10 days			M. 58, {ulceration of mucous membranes of	
				stomach	

ANALYSIS OF CASES IN WHICH INQUESTS WERE HELD:—Deaths from violence, 23; rupture of vessel of the head, 3; disease of the heart, 2; other specified causes, 7; "natural," "found dead," &c., 11.—TOTAL 46.

THE NUMBER OF CASES IN WHICH IT IS RECORDED THAT A POST MORTEM EXAMINATION WAS MADE, IS 37.

METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH,

During the Week ending Saturday, 6th February, 1847.

Day.	Phases of the Moon	Mean height of the Barometer, from 12 Observations, (corrected and reduced to 32 degrees Fahrenheit.)	Readings of Thermometers										Difference between the Dew Point Temperature and Air Temperature			Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 35 years	WIND							Mean Amount of Cloud, 0-10	Rain in inches, read at 9 o'clock the next morning																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
			Dry			Dew Point	In the Water of the Thames at Greenwich, by the self- registering Thermometer, read at 9 o'clock next morning	Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 35 years		General Direction	Pressure in lbs. on the square foot		Amount of Horizontal Movement of the Air in each day																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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DAY	ELECTRICITY	Circumstances accompanying the exhibition of Electricity	GENERAL REMARKS
SUN.	Positive and tension moderate at each examination during the day.	} See General Remarks.	With the exception of a few breaks in the clouds in the morning and afternoon, the sky was covered with cirrostratus and scud throughout the day.
MON.	Positive and tension moderately strong throughout the day. The max. at 5h. am.	} See General Remarks.	Cloudless till 3h. a.m.; shortly after this time cirrostratus and fleecy clouds suddenly came up from the W., and generally covered the sky for the remainder of the day. Light snow was falling from 8h. a.m. to 9h. 30m. a.m.
TUES.	Positive and tension moderate till 8h. a.m. During the remainder of the day positive and tension exceedingly weak.	} Snow was falling slightly at 6h. a.m. } See General Remarks.	With the exception of a short interval of time about 3h. a.m., the sky was generally covered with cirrostratus and scud throughout the day. A small quantity of snow fell about 6h. a.m., and also from 3h. p.m. to 9h. p.m.
WED.	Positive and tension strong at 9h. 20m. p.m. At other times during the day no electricity was shewn.	} See General Remarks.	Overcast with cirrostratus and scud throughout the day. Snow was falling frequently during the day.
THURS.	No electricity was shewn till 9h. a.m. From 9h. a.m. till 2h. p.m. positive and tension exceedingly strong. During the remainder of the day positive and tension moderate.	} See General Remarks.	Generally overcast with cirrostratus and scud till 7h. p.m. A considerable portion of the sky was free from cloud from 8h. p.m. till midnight.
FRID.	Positive and tension strong throughout the day. The max. at 11h. a.m.	} See General Remarks.	From 6h. a.m. till 3h. 40m. a.m. an extensive portion of the sky was free from cloud, but shortly after this time a large bank of cirrostratus suddenly came up from the N., and obscured the sky. At 3h. p.m. and 6h. 50m. p.m.
SAT.	No electricity was shewn till 5h. a.m. From 5h. a.m. till 6h. a.m. positive and tension very weak. Negative and tension strong at 9h. a.m. Positive and tension very weak during the remainder of the day.	} See General Remarks. A shower of rain. } See General Remarks.	Overcast with cirrostratus and scud till 10h. a.m. The clouds were considerably broken from this time till 1h. p.m., when the sky again became overcast, and remained so generally till 6h. p.m. It became cloudless at 6h. 30m. p.m., and remained so till midnight. Frequent showers of rain fell in the early part of the morning. The wind was blowing in gusts from S.W. to S.E. pressure on the square foot from 0h. p.m. till 10h. p.m.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The amount of clouds is estimated by considering a clear sky to be represented by 0, a cloudy sky by 10; and when partially cloudy by estimating the number of tenths of the whole sky covered with cloud. The observations are taken every two hours, day and night.

The readings of the two self-registering thermometers, the one placed in the full rays of the sun, and the other placed on grass fully exposed to the sky, are taken every morning at 9 A.M., and therefore exhibit the highest and lowest readings respectively, that have occurred in the previous 24 hours. They are, however, placed here opposite to the civil day which precedes that on which the thermometers are read.

Whewell's anemometer (from the indications of which the estimation of horizontal movement is made) is read at 10 A.M., and the result given is for the 24 hours preceding. It is placed here opposite to the civil day, which precedes that on which the anemometer is read.

The average temperature for 25 years is furnished by Mr. Henry, Assistant at the Royal Observatory, from the observations made at his residence in the neighbourhood of Greenwich Park.

\* In reading the 16th column, it will be borne in mind that + is read "higher," and — "lower," than the average.

The temperature of the water of the Thames is ascertained by the use of a self-registering thermometer, suspended from the side of the Dreadnought Hospital Ship, at the depth of about 2 feet below the surface. The readings of this instrument are registered under the superintendence of Lieutenant Sanders, R.N., Superintendent of the Dreadnought. The mean reading of a thermometer placed on the mainmast, and read each day at 6h. 30m. A.M., was 34.4; and the mean reading at 7h. 30m. P.M., was 36.3; the mean readings at the Royal Observatory for the same times were 33.1 and 35.5 respectively.

† The direction of the wind for the week has been variable, but during a great portion of it the air has been calm.

# A TABLE OF Births and Deaths registered in London, During the Week ending Saturday, February 13th, 1847.

ANNUAL SERIES VIII.]

PUBLISHED BY AUTHORITY OF THE REGISTRAR GENERAL.

[No. 7.]

Causes of Death	Age			Total	Weekly Average derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population 5 Winters	Causes of Death.	Age			Total	Weekly Average derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population 5 Winters
	0 to 15	15 to 60	60 and upwards				0 to 15	15 to 60	60 and upwards		
ALL CAUSES.....	431	391	325	1147	1068	IV.—Laryngitis .....	2	2	..	4	1
SPECIFIED CAUSES .....	429	391	324	1144	1061	Quinsey .....	1	..	..	1	1
I.—Zymotic (or Epidemic, Endemic, and Contagious) Diseases.....	105	16	13	134	183	Bronchitis .....	35	37	55	127	39
SPORADIC DISEASES—						Pleurisy .....	2	6	1	9	2
II.—Dropsy, Cancer, and other Diseases of uncertain or variable Seat .....	58	18	18	94	112	Pneumonia .....	91	10	15	116	98
III.—Diseases of the Brain, Spinal Marrow, Nerves and Senses ..	78	52	41	171	170	Hydrothorax .....	..	1	3	4	7
IV.—Diseases of the Lungs, and of the other Organs of Respiration ..	147	197	124	468	354	Asthma .....	..	19	31	50	40
V.—Diseases of the Heart and Blood-vessels .....	..	37	28	65	32	Phthisis (or Consumption) ..	10	116	7	133	147
VI.—Diseases of the Stomach, Liver, and other Organs of Digestion ..	31	23	17	71	70	Disease of Lungs, &c.....	6	6	12	24	19
VII.—Diseases of the Kidneys, &c.....	1	8	2	11	8	V.—Pericarditis.....	..	1	..	1	2
VIII.—Childbirth, Diseases of the Uterus, &c. ....	..	22	..	22	12	Aneurism .....	..	1	..	1	1
IX.—Rheumatism, Diseases of the Bones, Joints, &c.....	3	5	..	8	7	Disease of Heart, &c. ....	..	35	28	63	30
X.—Diseases of the Skin, Cellular Tissue, &c. ....	2	..	1	3	2	VI.—Teething.....	6	..	..	6	16
XI.—Old Age .....	..	..	75	75	81	Gastritis .....	..	1	1	2	14
XII.—Violence, Privation, Cold and Intemperance .....	4	13	5	22	30	Enteritis .....	1	3	4	8	2
I.—Small Pox .....	3	..	..	3	17	Peritonitis .....	1	2	..	3	8
Measles .....	5	..	..	5	28	Tubes Mesenterica.....	16	..	..	16	8
Scarlatina .....	14	..	..	14	26	Worms .....	1	..	..	1	6
Whooping Cough .....	41	..	..	41	47	Ascites .....	1	1	..	2	1
Croup .....	4	..	..	4	9	Ulceration (of Intestines, &c.) ..	..	1	..	1	2
Thrush .....	5	..	..	5	3	Hernia .....	..	3	5	8	3
Diarrhoea.....	9	..	5	14	7	Colic or Ileus .....	1	..	..	1	3
Dysentery .....	1	1	..	2	2	Intussusception .....	..	..	..	..	4
Cholera .....	..	..	..	..	3	Stricture (of the Intestinal Canal) ..	..	1	..	1	5
Influenza .....	1	..	3	4	3	Hæmatemesis.....	..	1	..	1	8
Ague .....	..	..	..	..	4	Disease of Stomach, &c. ....	4	1	..	5	5
Remittent Fever.....	2	..	..	2	6	Disease of Pancreas .....	..	..	..	..	2
Typhus .....	12	13	1	26	32	Hepatitis .....	..	4	2	6	2
Erysipelas .....	6	2	4	12	6	Jaundice .....	..	..	1	1	2
Syphilis .....	2	..	..	2	1	Disease of Liver, &c. ....	..	5	4	9	10
Hydrophobia .....	..	..	..	..	1	Disease of Spleen.....	..	..	..	..	2
II.—Hæmorrhage .....	1	..	..	1	2	VII.—Nephritis.....	1	..	..	1	5
Dropsy .....	2	4	7	13	32	Ischuria .....	..	..	..	..	7
Abscess .....	..	1	1	2	2	Diabetes .....	..	3	..	3	6
Noma .....	..	..	..	..	2	Cystitis .....	..	..	..	..	4
Mortification .....	..	1	3	4	4	Stone .....	..	..	..	..	4
Purpura .....	..	1	..	1	3	Stricture (of the Urethra) ..	..	..	..	..	9
Scrofula .....	2	1	..	3	5	Disease of Kidneys, &c. ....	..	5	2	7	5
Cancer .....	..	5	2	7	12	VIII.—Childbirth .....	..	15	..	15	8
Tumour .....	..	..	..	..	1	Paramenia .....	..	..	..	..	2
Gout .....	..	1	1	2	1	Ovarian Dropsy .....	..	1	..	1	8
Atrophy .....	18	..	..	18	12	Disease of Uterus, &c. ....	..	6	..	6	2
Debility .....	25	..	..	25	23	IX.—Arthritis .....	..	..	..	..	1
Malformations .....	1	..	..	1	2	Rheumatism .....	1	3	..	4	3
Sudden Deaths (including Coroners' Inquests, in which it is not shewn from what diseases or causes the persons died.)	9	4	4	17	16	Disease of Joints, &c. ....	2	2	..	4	4
III.—Cephalitis .....	11	2	..	13	12	X.—Carbuncle .....	..	..	..	..	1
Hydrocephalus .....	26	..	..	26	37	Phlegmon .....	..	..	1	1	2
Apoplexy .....	..	9	26	35	24	Ulcer .....	2	..	..	2	8
Paralysis .....	..	11	9	20	22	Fistula.....	..	..	..	..	4
Convulsions.....	38	..	..	38	54	Disease of Skin, &c.....	..	..	..	..	6
Tetanus .....	..	..	..	..	5	XI.—Old Age .....	..	..	75	75	81
Chorea .....	..	..	..	..	1	XII.—Intemperance .....	..	3	1	4	9
Epilepsy .....	..	11	3	14	5	Privation.....	1	..	1	2	7
Insanity .....	..	..	..	..	1	Violent Deaths .....	3	10	3	16	28
Delirium Tremens.....	..	7	1	8	2	Causes not Specified.....	2	..	1	3	6
Disease of Brain, &c. ....	3	12	2	17	12						

5 Winters.											
Weekly Average derived from Deaths of 1842-3-4-5-6, and cor- rected for increase of Population	{	Males .....	542	Deaths registered in the Week	{	Males .....	592	Births registered in the Week	{	Males .....	702
		Females .....	526			Females .....	555			Females .....	662
		Total 1068				Total.. 1147				Total.. 1364	
Deaths registered in this the seventh week of the first quarter, and in each of the corresponding weeks of the same quarter of the seven preceding years:—											
(1840)	(1841)	(1842)	(1843)	(1844)	(1845)	(1846)	(1847)	(average of the series of weeks, exclusive of the last) 996			
870	1073	925	935	1146*	1112	911	1130				
Deaths in the districts added in 1847..... 17											

NOTE.—The above return contains births and deaths which occurred in the sub-district of Hampstead; and in the sub-districts of Plumstead and Charlton, Lee, Lewisham, Eltham, and Sydenham, added at the commencement of this year for the first time. The increase which arises from these additional returns amounts, for the present week, to 28 births and 17 deaths.  
\* The mortality of Wandsworth and Clapham was added to the Weekly Returns for London in 1844. In this comparison, a correction is made for this District, in the corresponding weeks of the four preceding years.

DISTRICTS OF LONDON, Comprising 135 Registrars' Districts.		Area in square Miles	Population Enu- merated in 1841	Weekly Average derived from Deaths of 1842-6, and corrected for increase of Population 5 Winters	DEATHS registered in the Week	BIRTHS registered in the Week
WEST DISTRICTS	{ Kensington; Chelsea; St. George, Hanover-square; Westminster; St. Martin in the Fields; St. James .....	17.2	301,326	158	150	198
NORTH DISTRICTS	{ St. Marylebone; St. Pancras; Islington; Hackney; part of Edmonton, viz. Hampstead .....	20.5	376,396	203	203	244
CENTRAL DISTRICTS	{ St. Giles and St. George; Strand; Holborn; Clerkenwell; St. Luke; East London; West London; City of London.....	2.8	374,759	198	204	223
EAST DISTRICTS	{ Shoreditch; Bethnal Green; Whitechapel; St. George in the East; Stepney; Poplar .....	8.8	393,247	223	238	281
SOUTH DISTRICTS	{ St. Saviour; St. Olave; Bermondsey; St. George, Southwark; Newington; Lambeth; Wandsworth and Clapham; Camberwell; Rotherhithe; Greenwich; Lewisham .....	66.2	502,483	287	352	411
TOTALS .....		115.5	1,948,211	1068	1147	1364

Births and Deaths not caused by Violence, registered in the Metropolis in the last 13 weeks, with the Mean Temperature for the same periods.

	21st Nov.	28th Nov.	5th Dec.	12th Dec.	19th Dec.	26th Dec.	2nd Jan.	9th Jan.	16th Jan.	23rd Jan.	30th Jan.	6th Feb.	13th Feb.
BIRTHS.....	1303	1273	1350	1252	1311	1192	1650	1347	1457	1334	1525	1326	1364
DEATHS (except from Violence) .....	941	921	1023	1123	1223	1228	1429	1369	1261	1211	1129	1083	1131
Deaths (except from Violence) at 60 yrs. & upwards .....	211	203	238	295	327	375	429	391	368	320	337	291	322
Bronchitis .....	62	56	77	106	147	154	163	168	152	172	159	111	127
Pneumonia .....	97	83	99	114	144	146	133	136	128	118	126	114	116
Asthma .....	20	23	34	33	60	53	71	88	56	67	44	36	50
Mean Temperature.....	47.8	45.8	32.0	35.9	29.9	36.3	29.0	37.3	32.2	32.6	41.7	34.8	25.6

\* The DISTRICT of Lewisham and Sub-district of Hampstead were added to "London" in the week ending 2nd January; the Births and Deaths therefore are not contained in the previous weeks.

## EXTRACTS FROM THE METROPOLITAN RETURNS OF THE PREVIOUS WEEK, No. 6.

(The tabular abstract on the first page is for the week ending Saturday, Feb. 13th. The following selection of cases is made from the returns for the week ending Feb. 6th.)

NOTE.—M. or F. at the beginning of an entry indicates sex; the numerals which follow, mark the age at death, in years, except when otherwise stated. The italics at the end of an entry shew the duration of illness; and when the place is supplied by an asterisk (\*), the Coroner, Medical Practitioner, or other Informant, has not been able to ascertain, or has omitted to state the time in which the person has been subject to the disease or injury which has proved fatal. It should invariably be stated that duration of illness could not be ascertained, when this is the case.

### RETURNS OF VIOLENT DEATHS, MADE CHIEFLY BY CORONER.

NOTE.—The cases of violence not returned by the Coroner, have the words "no inquest."

Fractures and Contusions:—	duration	Fractures and Contusions (continued):—	duration	Burns and Scalds (continued):—	duration
M. 41, { a fall from hunting ..... years ago (no inquest) { producing chronic disease of brain 9 years last illness ..... 7 days		M. 72, { fracture of the neck of the thigh (no inquest) { bone ..... 8 months chronic bronchitis ..... 1 month (Query—How was the fracture caused)		In London Hospital, spinster, without occupa- tion, 24, accidentally burnt by her clothes catching fire ..... on the same day	
In London Hospital, schoolmaster, 86, acci- dental from a fall on the road, and fractured thigh ..... 6 days		Wounds:—		F. 65, accidental death from burns, by her clothes taking fire from a candle ..... 3 days	
In London Hospital, slater, 60, accidental by a fall from the roof of a house at Shelford, Essex..... *		In London Hospital, labourer, 42, natural from vomiting and diarrhoea, which may have been accelerated by a lacerated foot (no evidence how caused)..... *		Wife of a rigger, 68, accidentally burnt to death from her clothes catching fire..... *	
In London Hospital, rigger, 50, accidental by a fall down a ship's hold—fractured skull .. *		Drowning:—		M. 2 (no inquest), scald..... 8 days (an imperfect return)	
M. 54, { concussion of the brain from a fall 7 years (no inquest) { chronic affection of the brain... *		M. cook on board the Acadia, 58, accidental death from drowning.		NOTE.—The following case was reported in the returns for the week ending January 23rd, but in an imper- fect manner:—	
Carpenter, 30, accidental death by a fall from a yard arm into the Hermitage basin .. *		Mate of a ship, 54, accidental death from drowning, by falling from a buoy.		In King's College Hospital, son of a smith, 4 (post mort.), burns of the body and limbs —found with his clothes in flames, having been left in his mother's room with a fire, and candle burning..... about 30 mins	
In London Hospital, labourer, 27, accidental by the falling of a piece of lead, from the breaking of a rope .. *		F. domestic servant, 18, suicide by drowning herself, being in a state of mental derange- ment (under water 3 hours).		Poison:—	
In London Hospital, waggoner, 18, accidentally run over by a waggon, and killed .. *		Burns and Scalds:—		In London Hospital, shoemaker, 17, poisoned himself by taking turpeth mineral (in a state of temporary insanity) ..... 6 days	
F. (inmate of workhouse), 89, fractured thigh, received accidentally ..... *		In London Hospital, son of a single woman, 2, accidental, by burns from his clothes catch- ing fire ..... died on the same day			
(Query—How caused?)					

### THIRTEEN HOSPITALS.—CAUSES OF DEATHS (NOT VIOLENT) AS RETURNED BY THE MEDICAL OFFICERS.

NOTE.—Deaths in hospitals from fractures, wounds, burns, scalds, poison, are not contained in this list. See deaths by violence.

St. George's H.:—	duration	Charing Cross H.:—	duration	University College H. (continued):—	duration
M. 32 (post mort.), scirrhous tubercle of the brain, with softening of surrounding struc- ture .. *		M. 45 (post mort.), softening of brain .. *		M. 72 (post mort.), erysipelas of head—abscess between calvaria and dura mater .. *	
M. 1 (post mort.), inflammation of the scrotum and thighs—and congestion of the brain.. *		F. 50, { Bright's disease of the kidneys ..... *		M. 36, extensive suppuration among the mus- cles of the back .. *	
M. 60 (post mort.), enlarged heart and dropsy —old and recent pericarditis—granular kidneys .. *		Middlesex H.:—		M. 17, double pleuro-pneumonia—pericarditis .. *	
F. 45 (post mort.), diseased heart, and granular degeneration of the kidneys .. *		F. 42, { femoral hernia ..... 1 month operation .. *		M. 23, empyema .. *	
dropsy—effusion into the pericardium and pleura—congestion of lungs .. *		F. 42, emphysema pulmonum .. *		Fever H.:—No Deaths registered.	
Westminster H.:—		F. 37, emphysema—bronchitis .. *		Small Pox H.:—No Deaths registered.	
M. 52, phthisis pulmonalis ..... 1 year		University College H.:—		King's College H.:—No Deaths registered.	
F. 55, acute bronchitis ..... 17 days		F. 17, hypertrophy and dilatation of heart— pericarditis—tubercles of lungs—double bronchitis .. *		St. Bartholomew's H.:—	
		F. 67, morbus cordis—emphysema—bronchitis —anasarca—gangrene of legs .. *		M. 76, old age .. *	
		M. 58, sanguineous apoplexy .. *		F. 60, paralysis of the intestines .. *	
				F. 26, bronchitis—general anasarca—chronic valvular disease .. *	
				F. 72, dropsy .. *	

THIRTEEN HOSPITALS.—CAUSES OF DEATH (NOT VIOLENT) AS RETURNED BY THE MEDICAL OFFICERS (continued):—

London H.:	duration	St. Thomas' H.:	duration	Dreadnought H.:	duration
M. 13 ( <i>inquest</i> ), natural—inflammation of intestines .....	•	F. 32, ovarian disease .....	several years		
M. 36 ( <i>inquest</i> ), natural—diarrhoea .....	•	M. 61, dropsy—fatty liver .....	•	M. 15, { typhus .....	15 days
M. age unknown ( <i>inquest?</i> ), natural—sudden— from apoplexy .....	•	<i>Guy's H.:</i>		( <i>post mort.</i> ) { double pleuritis, and pneumonia of right lung. ulceration of ilium.	
F. 26 ( <i>post mort.</i> ), anterior portion of each lung hepatized .....	17 days	M. 41, abscess on the left hip .....	•		
F. 26, { morbus Brightii .....	3 months	M. 51, stricture—erysipelas .....	•	M. 21, { phthisis, .....	3 months
( <i>post mort.</i> ) { anasarca .....	6 weeks	M. 39, consumption .....	•	( <i>post mort.</i> ) { tubercular deposit in both lungs; and double pleuritis.	
		M. 21, bronchitis .....	•		
		F. 50, old pleurisy—rheumatic pericarditis ..	•		
		F. 25, { chronic ulcer of smaller curvature of stomach .....	•		
		( <i>post mort.</i> ) { acute peritonitis .....	about 65 hours		

See Deaths by Violence.

DEATHS BY SMALL POX, TYPHUS, ETC., SYPHILIS, HÆMORRHAGE, MALFORMATION, HERNIA, DIABETES, STONE, CHILDBIRTH, DELIRIUM TREMENS,  
INTEMPERANCE, PRIVATION, ETC.

Small Pox:—	duration	Gonorrhoea:—	duration	Disease with Childbearing:—	duration
M. 4 mon., small pox (without vaccination)...	*	M. 19, { gonorrhoea and orchitis.....	43 days	F. 27, { gastritis.....	3 weeks
M. 7, { small pox (natural).....	*	{ tonsillitis.....	3 days	{ miscarriage.....	*
{ ascites, with enlarged liver.....	*	{ dropsy of the pericardium.....	*	F. 37, { epilepsy.....	many years
F. 1, small pox (not vaccinated).....	10 days			{ effusion on the brain.....	1 week
F. 4, { small pox—(natural—after vaccination).....	12 days	Hæmorrhage:—		{ delivery.....	4 days
{ convulsions.....	20 min.	M. 1, hæmorrhage and convulsions from teething.....	*	Delirium Tremens:—	
F. 1, small pox (without previous vaccination).....	*	F. 53, rupture of a blood vessel.....	*	M. 65, delirium tremens.....	1 week
M. 8 mon., small pox (not vaccinated).....	*	M. 33 (inquest), natural death—sudden, from	*	M. 33, { delirium tremens.....	14 days
M. 3, natural small pox.....	4 weeks	{ internal rupture of a blood vessel.....	*	{ typhus.....	3 days
Typhus, &c.:—		Malformation:—		M. 54, delirium tremens.....	3 days
F. 6, typhus fever.....	1 month	F. 9 mon. { cyanosis.....	from birth	Other causes with Del. Trem.:—	
M. 1, febris—typhus.....	10 days	{ foramen ovale not closed.		M. 35, influenza—delirium tremens.....	*
F. 51, fever—inflammation of the bowels.....	*	M. 2 days, cyanosis—debility.....	*	F. 55, { dyspepsia.....	6 months
M. 17, febris typhoides.....	10 days	M. 8, cyanosis.....	*	{ delirium tremens.....	2 weeks
M. 49, { bronchitis.....	*	F. 1 day, morbus ceruleus.....	*	Intemperance:—	
{ fever.....	14 days	M. 11 weeks (inquest), pulmonary apoplexy from	*	Wife of a painter, 51 (inquest), found dead—	
F. 32, { synochus.....	6 weeks	{ pressure of a treble-sized thymus gland on	*	{ apparently from suffocation from excessive	
{ pneumonia.....	14 days	{ the heart and lungs.....	*	{ drink.....	
M. 38, diarrhoea ending in typhus.....	*	Hernia:—		Privation:—	
M. 4, { deranged stomach and bowels.....	10 days	F. 74, { strangulated hernia.....	3 days	F. 3 mon., atrophy from innutritious diet.....	*
{ bilious fever.....	3 days	{ operation and subsequent prostration.....	*	Atrophy, &c.:—	
F. 44, fever.....	10 weeks	F. 56, { strangulated femoral hernia, reduced	*	F. 44, { peritonitis chronic.....	18 days
M. 58, fever—synochus.....	2 days	{ without operation.....	*	{ emaciation from poor living, &c.....	3 or 4 yrs
F. 30, fever.....	11 days	{ peritonitis.....	26 hours	F. 14 days, general debility from want of the	
F. 43, typhus fever.....	14 days	F. 56, { femoral hernia.....	11 days	{ breast.....	
F. 6, typhoid fever.....	3 months	{ peritonitis.....	11 days	F. 5 weeks, atrophy—the mother being dan-	
F. 54, sloughing ulcer on the sacrum—typhus	*	F. 60 (p.m.), strangulation of ilium from a	*	{ gerously ill, and unable to nurse it.....	
{ fever.....	4 months	{ hernial sac in the abdomen.....	*	Miscellaneous Causes:—	
F. 11, typhus.....	14 days	F. 69, strangulated umbilical hernia.....	4 days	{ cirrhosis.....	3 years
F. 25, fever.....	*	M. 5 days, rupture—mortification of the bowels	*	{ jaundice.....	10 weeks
M. 2, fever.....	*	F. 69, natural decay—hernia.....	several years	M. 47, { ascites.....	8 weeks
F. 2, fever.....	*	See Return of Middlesex Hospital.		{ dropsy of lower extremities.....	6 weeks
F. 57, fever.....	*	Diabetes; Stone:—		{ hæmatemesis.....	5 days
F. 9, fever.....	*	No deaths registered from either of these causes.		{ phthisis.....	3 months
M. 67, { gastric fever.....	14 days	Childbirth:—The time elapsing from commencement		F. 14, { peritonitis chronic.....	6 weeks
{ erysipelas.....	3 days	{ of labour to death should invariably be returned.		{ diarrhoea.....	1 week
M. 4, { simple fever.....	3 weeks	F. 30, { bronchitis.....	3 months	{ refused to submit to any treatment.....	
{ cerebral congestion.....	2 days	{ childbirth.....	9 days	F. 31 (post mort.), a gallstone impacted in the	
F. 63, typhus fever.....	1 month	{ puerperal fever.....	8 days	{ common duct—gastritis.....	14 days
M. 43, typhus fever.....	17 days	F. 27, { pleuritis.....	*	F. 24, { ovarian dropsy.....	3 months
F. 9, typhus.....	2 weeks	{ abortion.....	8 days	{ after paracentesis.....	3 days
F. 3, typhus fever.....	5 weeks	F. 37 (p.m.), flooding in labour.....	12 hours	M. 45 (post mort.), exhaustion consequent on	
F. 14, typhus fever.....	14 days	F. 23, metro-peritonitis.....	15 days	{ scrofulous inflammation of the internal ear,	
		F. 28, { parturition.....	3 weeks	{ involving the membranes of the brain, nose,	
		{ enteritis.....	*	{ and throat.....	*
		F. 43, { parturition.....	3 weeks	F. 13 (p.m.), diseased temporal bone—abscess	
		{ fever.....	*	{ in cerebellum.....	6 months
		F. 41, exhaustion from hæmorrhage after deliv-	*	F. 1 (inquest—post mort.), bronchitis.....	*
		{ ery.....	*	{ natural death; but the jurors were of	
		F. 37, exhaustion from premature delivery.....	7 days	{ opinion that the deceased was not in a pro-	
				{ per state of health to be removed.....	
				M. 64, { rupture of urethra from stricture.....	3 days
				{ infiltration of urine.....	*

In the Return for the Week ending February 6th, Deaths were—

(1) Certified by Medical Attendant in .....	1015 cases
(2) Attested by Coroner .....	29
(3) Attended by a Midwife .....	1
(4) Stated to have had no Medical Attendant .....	16
(5) Not certified .....	42

Total, 1103

Deaths under 1st and 2nd heads show a proportion to the total number of 94 per cent. It must be observed, that the term "certified" signifies, that in all cases to which it is applied, a written statement of the cause of death was made by a qualified practitioner. Besides the 16 deaths enumerated above, others which had no medical attendance are probably included under the 2nd and 5th heads.

ANALYSIS OF CASES IN WHICH INQUESTS WERE HELD.—Deaths from violence, 16; cerebral apoplexy, 2; pulmonary apoplexy, 1; disease of the heart, 2; intemperance 1; other specified causes, 6; "natural death;" "visitation of God," &c., 1.—TOTAL, 29 cases.

THE NUMBER OF CASES in which it is reported that a POST MORTEM EXAMINATION was made, is 41.

# METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, During the Week ending Saturday, 13th February, 1847.

Day.	Phases of the Moon	Mean height of the Barometer, from 12 Observations, (corrected and reduced to 32 degrees Fahrenheit.)	Readings of Thermometers										Difference between the Dew Point Temperature and Air Temperature			Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 25 years	WIND							Mean Amount of Cloud, 0-10	Rain in inches, read at 9 o'clock the next morning
			Dry			Dew Point Mean from 12 Obs. Rits	Highest in the sun, as shown by a self-register- ing Thermometer	Lowest on the grass, as shown by a self-register- ing Thermometer	In the Water of the Thames at Greenwich, by the self- registering Thermometer, read at 9 o'clock next morning		Mean of 12 Diff.	Greatest	Least	General Direction			Pressure in lbs. on the square foot		Amount of Horizontal Movement of the Air in each day						
			High- est from 12 Obs.	Low- est from 12 Obs.	Mean from 12 Obs.				Highest	Lowest				A.M.	P.M.		Greatest	Least		Mean of 12 Obs.					
FEBRUARY		in.	°	°	°	°	°	°	°	°	°	°	°	°	°	°	W.S.W. and Calm	Calm	lbs.	lbs.	lbs.	Miles			
SUN.	7						34.5	18.8	36.5	35.2									1.0	0.0	0.0	75	10.0	0.10	
MON.	8	Last Quarter.	29.416	28.2	18.5	24.6	20.2	The index would not act the day before	25.0	35.8	35.0	4.4	8.2	1.8	-15.3	S.W.	Calm and N.	1.2	0.0	0.0	15	6.5	0.01		
TUES.	9		29.283	28.2	18.0	23.9	21.3		37.2	12.0	34.8	34.0	2.6	3.8	0.0	-16.3	S.W.	W.S.W.	0.1	0.0	0.0	115	5.8	0.08	
WED.	10	Greatest declination S.	29.376	34.5	19.5	27.1	23.8		38.4	20.3	34.0	33.5	3.3	6.5	0.0	-12.4	S.W. and Calm	W. by S.	0.2	0.0	0.0	150	4.3	0.11	
THU.	11		29.624	36.0	17.0	29.8	26.4		54.0	12.0	34.0	32.8	3.4	7.4	0.0	-9.0	W. and Calm	Calm	0.1	0.0	0.0	30	7.3	0.20	
FRI.	12		29.768	33.0	12.0	23.4	18.7		45.6	10.7	33.2	32.5	4.7	10.1	0.0	-15.7	Calm and S.W.	S.W.	0.1	0.0	0.0	75	5.6	0.00	
SAT.	13		29.880	31.8	20.0	24.8	21.1		41.5	17.8	33.2	32.5	3.7	7.0	0.0	-13.6	Calm and S.W.	S.S.W.	1.5	0.0	0.1	225	7.3	0.26	
MEANS			29.558	32.0	17.5	25.6	21.9	41.9	16.7	34.5	33.6	3.7	7.2	0.3	-13.7	†						Sum 685	6.8	Sum 0.76	

DAY	ELECTRICITY	Circumstances accompanying the exhibition of Electricity	GENERAL REMARKS
SUN.	Positive and tension occasionally strong at each examination.	See General Remarks.	Overcast with snow and sleet falling almost incessantly till 7h. p.m., when it became clear, and continued so throughout the remainder of the day.
MON.	Positive but tension variable throughout the day.	Snow generally falling from noon till midnight.	The sky was cloudless till 8h. a.m., when it became overcast, and continued mostly so through- out the remainder of the day. Snow was falling heavily from noon till about 11h. p.m.
TUES.	Nothing was shewn except at 5h. 20m. a.m., and from 5h. p.m. till midnight, when it was positive and moderately active.	See General Remarks.	It was generally overcast till 6h. a.m.; about one-half covered from that time till 2h. p.m., and variable in amount during the remainder of the day. It was, however, occasionally cloudless. The depth of snow on level ground is from 5 to 8 inches.
WED.	Positive and tension generally active till 2h. p.m. Nothing was shewn after that time.	See General Remarks.	The sky was about two-thirds covered with cirrostratus, fleecy clouds, and scud from 1h. a.m. till 6h. p.m.; at other times it was cloudless. At about 6h. a.m. snow was falling. Haze and vapour were prevalent throughout the day.
THURS.	Positive and tension strong from 2h. p.m. till midnight. Slightly positive and occa- sionally nothing shewn before that time.	See General Remarks.	The greater part of the sky was covered with cirrostratus and scud throughout the day, except from 7h. p.m. till midnight, when it was mostly cloudless. Snow was falling at about noon.
FRID.	Positive and tension strong from 7h. a.m. till 6h. p.m. Nothing shewn at any other time.	See General Remarks.	The sky was cloudless till 4h. a.m.; mostly overcast from that time till 8h. a.m.; then cloudless, till about 2h. p.m., and overcast with cirrostratus and scud throughout the remainder of the day.
SAT.	Positive and generally active from 7h. a.m. till midnight.	See General Remarks.	It was generally overcast till noon; about one-third covered with cirrostratus from that time till 8h. p.m., and overcast during the remainder of the day.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The amount of clouds is estimated by considering a clear sky to be represented by 0, a cloudy sky by 10; and when partially cloudy by estimating the number of tenths of the whole sky covered with cloud. The observations are taken every two hours, day and night.

The readings of the two self-registering thermometers, the one placed in the full rays of the sun, and the other placed on grass fully exposed to the sky, are taken every morning at 9 A.M., and therefore exhibit the highest and lowest readings respectively, that have occurred in the previous 24 hours. They are, however, placed here opposite to the civil day which precedes that on which the thermometers are read.

Whevell's anemometer (from the indications of which the estimation of horizontal movement is made) is read at 10 A.M., and the result given is for the 24 hours preceding. It is placed here opposite to the civil day, which precedes that on which the anemometer is read.

The average temperature for 25 years is furnished by Mr. Henry, Assistant at the Royal Observatory, from the observations made at his residence in the neighbourhood of Greenwich Park.

\* In reading the 16th column, it will be borne in mind that + is read "higher," and — "lower," than the average.

The temperature of the water of the Thames is ascertained by the use of a self-registering thermometer, suspended from the side of the Dreadnought Hospital Ship, at the depth of about 2 feet below the surface. The readings of this instrument are registered under the superintendence of Lieutenant Sanders, R.N., Superintendent of the Dreadnought. The mean reading of a thermometer placed on the mainmast, and read each day at 6h. 30m. A.M., was 22.9; and the mean reading at 7h. 30m. P.M., was 29.1; the mean readings at the Royal Observatory for the same times were 20.4 and 27.4 respectively.

† The direction of the wind for the week is S.W.

The temperature of the air during this week has been very remarkable on account of its great departure from the average; on the 12th day at about 6h. a.m. the lowest reading this winter took place, being 10.5 at the Observatory, and at the same time it was 6.0 at Dartmouth Terrace, Lewisham, the residence of Mr. Glaisher. At 6h. 30m. a.m., on board the Dreadnought Hospital Ship, the thermometer read 16.0, at the Observatory at the same time it was 13.0; at 7h. 20m. a.m. it was 14.0; at 9h. 20m. a.m. it was 18.8; at 11h. 20m. a.m. it was 29.9; at 1h. 20m. p.m. it was 33.0; and it sank to 27.5 by 11h. p.m. At Dartmouth Terrace at 7h. a.m. it was 10.0; at 7h. 30m. a.m. it was 10.5; at 8h. a.m. it was 11.0; at 9h. a.m. it was 11.8; at 9h. 45m. a.m. it was 14.0; at 10h. a.m. it was 16.0; and at 10h. 45m. a.m. it was 24.5; it afterwards rose to 33.5, and sank to 24.0 before midnight. These numbers exhibit a great difference of local temperature. On the 13th day the reading of the thermometer was 20.0, without any variation from 6h. a.m. to 11h. a.m., both at the Observatory and at Dartmouth Terrace; after this time it rose at the Observatory to 32.0 by 3h. p.m.; it then fell to 25.0 by 7h. p.m., and rose to 30.5 by 11h. 20m. p.m.; at Dartmouth Terrace it rose to 33.5 by 3h. p.m.; it fell to 21.0 by 7h. p.m.; it had risen to 29.0 by 11h. p.m., and to 32.0 by midnight; after this time it still rose rapidly.

The lowest temperature of the Thames Water during the week has been 32.5, the effect of which on the temperature of the air will be seen by the following simultaneous observations taken at 7h. 20m. every evening.—

On February 7th, at the Dreadnought, the thermometer read 28.0; at the Royal Observatory, it read —; at Dartmouth Terrace, 24.0.					
" 8th	"	29.5	"	27.5	" 27.0
" 9th	"	28.0	"	25.4	" 25.0
" 10th	"	30.0	"	29.8	" 29.0
" 11th	"	31.0	"	28.0	" 24.5
" 12th	"	30.0	"	28.5	" 24.0
" 13th	"	26.0	"	25.2	" 21.0

# A TABLE OF

## Births and Deaths registered in London,

*During the Week ending Saturday, February 20th, 1847.*

ANNUAL SERIES VIII.]

PUBLISHED BY AUTHORITY OF THE REGISTRAR GENERAL.

[No. 8.]

Causes of Death	Age			Total	Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population 5 Winters	Causes of Death.	Age			Total	Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population 5 Winters
	0 to 15	15 to 60	60 and upwards				0 to 15	15 to 60	60 and upwards		
ALL CAUSES.....	474	434	345	1253	1068	IV.—Laryngitis .....	3	1	..	4	1
SPECIFIED CAUSES .....	474	433	345	1252	1061	Quinsey .....	..	..	..	..	1
I.—Zymotic (or Epidemic, Endemic, and Contagious) Diseases.....	106	28	22	156	183	Bronchitis .....	33	40	61	134	39
SPORADIC DISEASES—						Pleurisy .....	..	5	1	6	2
II.—Dropsy, Cancer, and other Diseases of uncertain or variable Seat .....	54	27	19	100	112	Pneumonia .....	101	17	7	125	98
III.—Diseases of the Brain, Spinal Marrow, Nerves and Senses ..	107	47	33	187	170	Hydrothorax .....	1	1	4	6	7
IV.—Diseases of the Lungs, and of the other Organs of Respiration }	153	231	130	514	354	Asthma .....	..	24	37	61	40
V.—Diseases of the Heart and Blood-vessels .....	3	32	33	68	32	Phthisis (or Consumption) ..	15	132	13	160	147
VI.—Diseases of the Stomach, Liver, and other Organs of Digestion }	33	27	17	77	70	Disease of Lungs, &c. ....	..	11	7	18	19
VII.—Diseases of the Kidneys, &c. ....	2	7	5	14	8	V.—Pericarditis.....	1	1	..	2	2
VIII.—Childbirth, Diseases of the Uterus, &c. ....	..	10	..	10	12	Aneurism .....	..	1	..	1	1
IX.—Rheumatism, Diseases of the Bones, Joints, &c. ....	4	8	2	14	7	Disease of Heart, &c. ....	2	30	33	65	30
X.—Diseases of the Skin, Cellular Tissue, &c. ....	1	2	..	3	2	VI.—Teething.....	8	..	..	8	16
XI.—Old Age .....	..	..	78	78	81	Gastritis .....	1	1	1	3	14
XII.—Violence, Privation, Cold and Intemperance .....	11	14	6	31	30	Enteritis .....	3	2	1	6	2
I.—Small Pox .....	8	..	..	8	17	Peritonitis .....	..	..	..	..	2
Measles .....	6	..	..	6	28	Tabes Mesenterica.....	14	..	..	14	8
Scarlatina .....	18	3	..	21	26	Worms .....	1	..	..	1	.6
Whooping Cough .....	41	..	..	41	47	Ascites .....	..	4	..	4	1
Croup .....	4	..	..	4	9	Ulceration (of Intestines, &c.) ..	1	1	2	4	2
Thrush .....	2	..	..	2	3	Hernia .....	..	3	..	3	3
Diarrhoea .....	9	..	8	17	7	Colic or Ileus.....	1	..	2	3	3
Dysentery .....	..	2	2	4	2	Intussusception .....	1	..	..	1	.4
Cholera .....	..	..	..	..	.3	Stricture (of the Intestinal Canal) ..	..	..	..	..	.5
Influenza .....	2	2	2	6	3	Hæmatemesis.....	..	1	..	1	.8
Ague .....	..	..	..	..	.4	Disease of Stomach, &c. ....	1	4	4	9	5
Remittent Fever.....	3	..	..	3	.6	Disease of Pancreas .....	..	..	..	..	..
Typhus .....	7	17	8	32	32	Hepatitis .....	1	3	2	6	2
Erysipelas .....	4	3	2	9	6	Jaundice .....	1	..	..	1	2
Syphilis .....	2	1	..	3	1	Disease of Liver, &c. ....	..	8	5	13	10
Hydrophobia .....	..	..	..	..	.1	Disease of Spleen.....	..	..	..	..	.2
II.—Hæmorrhage .....	..	1	..	1	2	VII.—Nephritis.....	..	..	..	..	.5
Dropsy .....	1	6	6	13	32	Ischuria .....	..	..	..	..	.7
Abscess .....	..	1	..	1	2	Diabetes .....	..	..	..	..	.6
Noma .....	1	..	..	1	.2	Cystitis .....	..	..	..	..	.4
Mortification .....	..	..	2	2	4	Stone .....	2	..	..	2	.4
Purpura .....	..	..	..	..	.3	Stricture (of the Urethra) ..	..	2	..	2	.9
Scrofula .....	4	2	..	6	3	Disease of Kidneys, &c. ....	..	5	5	10	5
Cancer .....	13	6	19	12	1	VIII.—Childbirth .....	..	6	..	6	8
Tumour .....	..	..	..	..	1	Paramenia .....	..	..	..	..	.2
Gout .....	..	1	1	2	1	Ovarian Dropsy .....	..	..	..	..	.8
Atrophy .....	14	1	2	17	12	Disease of Uterus, &c. ....	..	4	..	4	2
Debility .....	20	1	..	21	23	IX.—Arthritis .....	..	..	..	..	.1
Malformations .....	7	..	..	7	2	Rheumatism .....	1	5	1	7	3
Sudden Deaths (including Coroners' Inquests, in which it is not shewn from what diseases or causes the persons died.)	7	1	2	10	16	Disease of Joints, &c. ....	3	3	1	7	4
III.—Cephalitis .....	7	7	..	14	12	X.—Carbuncle .....	..	..	..	..	.1
Hydrocephalus .....	44	..	..	44	37	Phlegmon .....	..	..	..	..	.2
Apoplexy .....	1	10	11	22	24	Ulcer .....	..	1	..	1	.8
Paralysis .....	1	12	16	29	22	Fistula .....	..	..	..	..	.4
Convulsions.....	50	1	..	51	54	Disease of Skin, &c. ....	1	1	..	2	.6
Tetanus .....	..	..	..	..	.5	XI.—Old Age .....	..	..	78	78	81
Chorea .....	..	..	..	..	.1	XII.—Intemperance .....	..	..	..	..	.9
Epilepsy .....	..	9	..	9	5	Privation .....	1	..	2	3	.7
Insanity .....	..	..	1	1	1	Violent Deaths .....	10	14	4	28	28
Delirium Tremens.....	..	1	..	1	2	Causes not Specified.....	..	1	..	1	6
Disease of Brain, &c. ....	4	7	5	16	12						

Weekly Average derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population		Deaths registered in the Week		Deaths registered in the Week		Births registered in the Week	
Males .....	542	Males .....	655	Males .....	703	Males .....	703
Females .....	526	Females .....	598	Females .....	686	Females .....	686
Total .....	1068	Total .....	1253	Total .....	1389	Total .....	1389
Deaths registered in this the eighth week of the first quarter, and in each of the corresponding weeks of the same quarter of the seven preceding years:—							
(1840) .....	(1841) .....	(1842) .....	(1843) .....	(1844) .....	(1845) .....	(1846) .....	(1847) .....
931 .....	1057 .....	960 .....	1018 .....	1115 .....	1121 .....	951 .....	1233 .....
Deaths in the districts added in 1847.....							
20 .....							

NOTE.—The above return contains births and deaths which occurred in the sub-district of Hampstead; and in the sub-districts of Plumstead and Charlton, Lee, Lewisham, Eltham, and Sydenham, added at the commencement of this year for the first time. The increase which arises from these additional returns amounts, for the present week, to 15 births and 20 deaths.

\* The mortality of Wandsworth and Clapham was added to the Weekly Returns for London in 1844. In this comparison, a correction is made for this District, in the corresponding weeks of the four preceding years.

NOTE.—A man is stated to have died in the Church district of Bethnal Green, at the advanced age of 103 years.

DISTRICTS OF LONDON, Comprising 135 Registrars' Districts.					Area in square Miles	Population Enu- merated in 1841	Weekly Average derived from Deaths of 1842-6, and corrected for increase of Population	DEATHS registered in the Week	BIRTHS registered in the Week
							5 Winters		
WEST DISTRICTS	{ Kensington; Chelsea; St. George, Hanover-square; Westminster; St. Martin } in the Fields; St. James					17.2	301,326	158	166
NORTH DISTRICTS	{ St. Marylebone; St. Pancras; Islington; Hackney; part of Edmonton, viz. Hampstead					20.5	376,396	203	221
CENTRAL DISTRICTS	{ St. Giles and St. George; Strand; Holborn; Clerkenwell; St. Luke; East } London; West London; City of London					2.8	374,759	198	241
EAST DISTRICTS	{ Shoreditch; Bethnal Green; Whitechapel; St. George in the East; Stepney; } Poplar					8.8	393,247	222	303
SOUTH DISTRICTS	{ St. Saviour; St. Olave; Bermondsey; St. George, Southwark; Newington; Lambeth; } Wandsworth and Clapham; Camberwell; Rotherhithe; Greenwich; Lewisham					66.2	502,483	287	322
TOTALS					115.5	1,948,211	1068	1253	1389

Births and Deaths not caused by Violence, registered in the Metropolis in the last 13 weeks, with the Mean Temperature for the same periods.

	28th Nov.	5th Dec.	12th Dec.	19th Dec.	26th Dec.	2nd Jan.	9th Jan.	16th Jan.	23rd Jan.	30th Jan.	6th Feb.	13th Feb.	20th Feb.
BIRTHS	1273	1350	1252	1311	1192	1650	1347	1457	1334	1525	1326	1364	1389
DEATHS (except from Violence)	921	1023	1123	1223	1228	1429	1369	1261	1211	1129	1083	1131	1225
Deaths (except from Violence) at 60 yrs. & upwards	203	238	295	327	375	429	391	368	320	337	291	322	341
Bronchitis	56	77	106	147	154	163	168	152	172	159	111	127	134
Pneumonia	83	99	114	144	146	133	136	128	118	126	114	116	125
Asthma	23	34	33	60	53	71	88	56	67	44	36	50	61
Mean Temperature	45.8	32.0	35.9	29.9	36.3	29.0	37.3	32.2	32.6	41.7	34.8	25.6	45.7

\* The DISTRICT of Lewisham and Sub-district of Hampstead were added to "London" in the week ending 2nd January; the Births and Deaths therefore are not contained in the previous weeks.

## EXTRACTS FROM THE METROPOLITAN RETURNS OF THE PREVIOUS WEEK, No. 7.

(The tabular abstract on the first page is for the week ending Saturday, Feb. 20th. The following selection of cases is made from the returns for the week ending Feb. 13th.)

NOTE.—M. or F. at the beginning of an entry indicates sex; the numerals which follow, mark the age at death, in years, except when otherwise stated. The italics at the end of an entry shew the duration of illness; and when the place is supplied by an asterisk (\*), the Coroner, Medical Practitioner, or other Informant, has not been able to ascertain, or has omitted to state the time in which the person has been subject to the disease or injury which has proved fatal. It should invariably be stated that duration of illness could not be ascertained, when this is the case.

### RETURNS OF VIOLENT DEATHS, MADE CHIEFLY BY CORONER.

NOTE.—The cases of violence not returned by the Coroner, have the words "no inquest."

Fractures and Contusions:—	duration	Wounds:—	duration	Suffocation (continued):—	duration
Westminster Hospital, widow, about 74 (post mort.), wound of the scalp and shock of the system—knocked down by a chariot drawn by two horses, when crossing the road at Whitehall, and trodden on by one of the horses.	4 days	Eating-house keeper, 38, suicide with a pistol ball, fired into his head—insane after excessive and habitual drinking of spirits. ....	*	Wife of a cat's meat seller, 50, accidental strangulation and apoplexy, caused by a flannel tied tight about her head and chin—she falling with her face downwards	died in a few mins.
F. 81, (no inquest) debility from age—chronic bronchitis.	*	Labourer, 49, natural peritonitis, accelerated by injuries received from a boar-pig on the right thigh, causing great exhaustion by loss of blood.	8 weeks	Burns and Scalds:—	
F. 81, (no inquest) fracture of neck of femur within the capsule, from a fall on 5th September, 1845—bedridden ever since.	*	Drowning:—		Daughter of a sawyer, 9 mon., burns received by her clothes taking fire, being laid upon the hearth rug	20 hours
The period which elapsed between injury and death should have been stated, instead of the date at which the former occurred.		Coal porter, 35, drowned in the River Thames, by accidentally falling overboard from a steamer—under water 5 weeks.		Licensed victualler (widow), 32, injuries received from being accidentally burnt	31 days
M. 84, (no inquest) fracture of the neck of the thigh bone.	about 4 years	M. 22, accidentally drowned by a fall from a fly boat.		Poison:—	
Query—How caused?		Assistant to a licensed victualler, 21, drowned—a scalp wound—body greatly decomposed—no proof by what means he was drowned, or received the injury—missing 7 weeks.		Widow of an estate agent, 28, suicide with oxalic acid—four-fifths of an ounce swallowed—taken during intoxication	died in 15 min.
Wife of a sailor, 44, concussion of the brain but how caused no evidence to prove	7 days	Suffocation:—		F. 34, poisoned herself in a temporary state of insanity, with arsenic	*
		M. newly born, strangulation with a piece of frock tied round the neck, and so wilfully murdered by persons unknown.		F. 10 wks., died from effects of mercury, imbibed through the mother's milk, she having become salivated by taking two antibilious pills, containing not more than two grains of mercury (no blame exists against any person)	*

### FOURTEEN HOSPITALS.—CAUSES OF DEATHS (NOT VIOLENT) AS RETURNED BY THE MEDICAL OFFICERS.

NOTE.—Deaths in hospitals from fractures, wounds, burns, scalds, poison, are not contained in this list. See deaths by violence.

St. George's H.:—	duration	St. George's H. (continued):—	duration	Middlesex H.:—No Deaths registered.	duration
M. 20, (post mort.) bronchocele—excision	*	F. 35, anasarca—ascites—effusion into left pleura	*	University College H.:—	
M. 2, (post mort.) cellular inflammation	*	F. 23, (post mort.) phthisis pulmonalis	*	M. 73 (inquest), natural—had twice become insensible suddenly (not ill previously)	died in 5 min.
M. 2, (post mort.) secondary abscesses in lungs, tubercular deposit in the lungs, liver, spleen, kidneys and bowels.		Westminster H.:—		Fever H.:—	
M. 2, (post mort.) enlarged mesenteric glands—illness said to be of 4 months' duration		M. 53, (post mort.) phthisis pulmonalis	2 years	F. 18, (post mort.) fever	in hospital 10 hours.
M. 55, (post mort.) acute pleurisy	11 days	M. 14, lumbar abscess	6 months	Small Pox H.:—No Deaths registered.	
M. 55, (post mort.) slight peritonitis	*	See Violent Deaths.		King's College H.:—	
M. 55, (post mort.) diseased heart—granular degeneration of the kidneys	*	Charing Cross H.:—		M. 19, heart disease	4 months
F. 40, (post mort.) effusion into pleurae.	*	M. 31 (post mort.), bronchitis—necrosis of the femur	*	M. 32, heart disease	several years
F. 40, (post mort.) ascites.	*	M. 38 (post mort.), bronchitis—cirrhosis of the liver—disease of the mitral valve	*	M. 28, phthisis	10 months
F. 40, (post mort.) encephaloid disease of left lung—illness reported to be of 1 year's duration	*			M. 42, bronchitis	4 months
				F. 22, pneumonia	12 days

THIRTEEN HOSPITALS.—CAUSES OF DEATH (NOT VIOLENT) AS RETURNED BY THE MEDICAL OFFICERS (continued):—

St. Bartholomew's H.:	duration	Guy's H.:	duration	Dreadnought H.:	duration
M. 67, inflammation of the hand and arm....	*	M. 23, { erysipelas of head and face .....	10 days	M. 27, { pleuritis .....	6 days
M. 43, dropsy .....	*	M. 23, { diarrhoea .....	2 days	(post mort.) { inflamed pleura of right side, and	
M. 52, rheumatism .....	*	M. 58, { dilated heart, in all cavities.		effusion .....	
M. 30, phthisis .....	*	M. 58, { old bronchitis .....	some years	dysentery .....	6 months
M. 48, phthisis .....	*	M. 58, { syncope? .....	instant	pneumonia .....	8 days
F. 27, phthisis .....	*	M. 17, { universal miliary tubercles.		(post mort.) { ulcerations of large intestine.	
F. 61, disease of the lungs .....	*	(post mort.) { suffocation .....		consolidation of right lung, and	
		M. 41, phthisis .....	6 months	part of left .....	
London H.:		M. 23, { fever? .....		phthisis .....	1 year
M. 84, { inguinal hernia .....	50 years	M. 23, { ulceration of ilium and colon .....	25 days	(post mort.) { apoplexy .....	48 hours
(post mort.) { strangulated hernia .....	7 hours	F. 24, { fever .....	6 days	cavity and tubercular deposit in	
M. 27, { peritonitis (from perforation) .....	15 hours	F. 24, { cerebral congestion and serofulous tu-		bercles .....	
F. 27, { morbus Brightii .....	6 months			in left lung .....	
(post mort.) { anasarca .....	4 weeks				
St. Thomas' H.:		F. 23, { ulceration of cartilage of hip joint .....	7 weeks	Unité Complet Hospital Ship:	
F. 38, dropsy .....	*	(post mort.) { pyelitis of right kidney, and cyst-		Note.—The causes of death are given, as reported	
M. 60, { disordered kidneys .....	*	F. 54, bronchitis and emphysema .....	of long duration	not by the Coroner, but by Mr. Bossey, Surgeon to the	
coma and fits .....	a few days	M. 20, { miliary tubercles in lungs.		Hospital.	
hydrops .....	*	(post mort.) { suffocation .....		M. 21, { phthisis .....	7 months
M. 40, { diseased kidneys and liver .....	*	M. 20, { catarrh .....	6 weeks	(inquest) { pneumonia .....	8 days
coma .....	a few days	M. 61, { ossified arteries .....		M. 72, { rheumatism .....	1 month
M. 62, brought in a sinking condition, with				(inquest) { apoplexy .....	20 mins.
extensive abscesses of leg and thigh .....	*			(post mort.) { effusion of blood external to dura	
M. 45, phthisis .....	*			mater .....	
				M. 50, { diabetes .....	4 years
				(inquest) { phthisis pulmonalis .....	7 months

DEATHS BY SMALL POX, TYPHUS, ETC., SYPHILIS, HÆMORRHAGE, MALFORMATION, HERNIA, DIABETES, STONE, CHILDBIRTH, DELIRIUM TREMENS, INTemperance, PRIVATION, ETC.

Small Pox:	duration	Hernia:	duration	Phthisis and Childbirth:	duration
F. 18 mon., small pox—confluent—(without	14 days	M. 66, { strangulated inguinal hernia .....	*	F. 28, { phthisis pulmonalis .....	10 months
previous vaccination) .....		F. 55, { operation .....	11 hours	{ cystitis followed by exhaustion .....	6 weeks
M. 9 mon., { small pox .....		F. 55, { operation .....	12 hours	{ premature childbirth (at 7½ months) .....	2 days
{ vaccination 2 months before.		F. 77, strangulated hernia .....	*		
M. 10 mon., small-pox (not stated whether		F. 59, { femoral hernia .....	*	Delirium Tremens:	
vaccinated).		F. 69, umbilical hernia producing strangulation	4 days	M. 27, { delirium tremens .....	4 days
Typhus, &c.:		of the bowels .....	*	{ serous apoplexy .....	
F. 42, typhus fever .....	6 days	{ strangulated femoral hernia .....	6 days	M. 30, delirium tremens .....	3 weeks
M. 3, { fever with inflammation of the brain .....	2 weeks	F. 48, { bowel liberated by operation, but she		M. 37, { delirium tremens .....	6 days
{ hydrocephalus .....		only lived .....	21 hours afterwards	{ pneumonia .....	4 days
F. 6, typhoid fever with effusion in the brain,	several months	M. 67, strangulated scrotal hernia, supposed to		M. 37, delirium tremens .....	5 days
		have been .....	only 12 or 14 hours	M. 34, delirium tremens .....	4 days
F. 6 mon., inflammatory fever .....	several days	See Returns of London Hospital.		M. 50, delirium tremens .....	7 days
F. 1, gastric fever .....	6 days	Diabetes:		M. 68, { delirium tremens .....	5 days
M. 17, { simple fever .....	*	M. 22, phthisis, having laboured under diabetes		{ debility from old age .....	
{ paroxysm of spasmodic asthma .....	2nd day	for some time previously .....	about 6 years	F. 28, delirium tremens .....	*
fever .....	*	M. 42, { diabetes .....	2 days		
M. 31, { laryngitis, for which bronchotomy		{ typhoid symptoms .....	2 days	Intemperance:	
was performed in vain.		See Returns of Unité Hospital Ship.		M. about 45 (inquest), serous apoplexy during	
F. 23, { fever .....	8 days	Stone:		intoxication .....	*
{ pneumonia .....	3 days	No deaths registered from this cause.		Carpenter, 39 (inquest), sanguineous apoplexy	
F. 7, { febris .....	20 days	Childbirth:—The time elapsing from commencement		after drunkenness (had pains in the head	
{ meningitis .....	10 days	of labour to death should invariably be returned.		for a fortnight).	
M. 6, { fever .....	3 weeks	F. 31, { inflammation of the lungs .....	8 days	M. 60, apoplexy—hemiplegia—ebrietas .....	16 weeks
{ convulsions .....	24 hours	F. 27, { parturition .....	6 days	F. 50, { delirium a potu,—ebrietas .....	18 months
M. 34, nervous fever .....	14 days	F. 27, { childbirth .....	5 hours	{ chronic gastritis occasionally .....	3 weeks
F. 4, fever—head affection .....	*	F. 19, { exhaustion after delivery .....	*		
F. 3, fever .....	17 days	F. 19, { bronchitis .....	*	Privation:	
M. 16, fever .....	10 days	F. 19, { childbirth .....	5 days	In sub-district of St. Margaret, Westminster,	
M. 40, fever .....	16 days	F. 32, { puerperal fever .....	10 days	F. 75, age and destitution .....	*
M. 37, { bronchitis .....	1 year	F. 38, { parturition (twins still born) .....	*	Son of a groom, 5 weeks (inquest), natural	
{ typhus fever .....	1 week	F. 38, { nervous exhaustion .....	*	death from want of breast-milk, and fatigue	
F. 6 mon., typhus .....	*	F. 24, puerperal fever .....	*	during a long voyage from Ireland.	
F. 13, { typhus .....	21 days	F. 38, puerperal peritonitis .....	5 days	Atrophy:	
{ bronchitis .....	14 days	F. 28 (post mort.), puerperal peritonitis .....	7 days	M. 5 weeks, marasmus from want of proper	
M. 22, typhus fever .....	2 weeks	F. 22, puerperal peritonitis .....	*	nourishment, and general debility .....	*
F. 48, fever .....	3 weeks	F. 20, { premature delivery .....	4 days		
M. 7, { fever .....	9 weeks	puerperal peritonitis .....	*	Miscellaneous Causes:	
M. 1, teething—fever—convulsions .....	14 days	F. 33, { ascites .....	17 weeks	F. 57, { asthma .....	8 years
M. 69, fever .....	*	{ anasarca .....	*	{ ischuria renalis .....	partially 10 weeks
See Hospital Returns.		F. 33, { parturition on Jan. 22nd. Query—		M. 69, { stricture of the urethra .....	*
Remittent Fever:		How many days? .....		{ extravasation of urine into the peri-	
M. 4, { remittent fever .....	3 weeks	uterine hæmorrhage from placental pre-		neum, with consequent mortification.	
{ hydrocephalus .....	*	sentation .....		{ hydrocephalus .....	
M. 11 mon., { remittent fever .....	16 weeks	F. 34, { delivery (by turning) .....	2 hours	{ ossification of vessels of brain .....	5 years
{ mesenteric disease .....	*	F. 25 (inquest), convulsions accompanying		{ softening of a portion of left an-	
Infantile Fever:		childbirth .....	12 hours	terior hemisphere .....	3 weeks
M. 1, infantile remittent fever .....	*	F. 37, { puerperal mania .....	9 months	M. 7 weeks, ozæna .....	*
Syphilis:		F. 31, { consumption .....	*	M. 9 (post mort.), caries of the temporal bone	
M. 9 weeks, congenital syphilis .....	*	F. 31, exhaustion from premature delivery in		—abscess in the brain .....	7 weeks
M. 8 weeks, syphilis .....	*	connexion with deformity of pelvis, and		M. 26, disease of internal ear, extending to the	
Hæmorrhage:		preternatural presentation of the foetus .....	3 days	brain .....	*
F. 9 mon., anal hæmorrhage .....	5 days				
Malformation:					
M. 6, { imperforate rectum .....	2 days				
{ peritonitis .....	*				

In the return for week ending February 13th, deaths were—

(1) Certified by Medical Attendant in .....	994 cases.
(2) Attested by Coroner .....	80 "
(3) Stated to have had no Medical Attendant .....	23 "
(4) Not certified .....	50 "
TOTAL .....	1147

Deaths under 1st and 2nd heads show a proportion to the total number of upwards of 93 per cent. It must be observed, that the term "certified" signifies, that in all cases to which it is applied, a written statement of the cause of death was made by a qualified practitioner. Besides the 23 deaths enumerated above, one which had no medical attendance is included under the 2nd head; and there are probably more under that and the 4th heads.

ANALYSIS OF CASES IN WHICH INQUESTS WERE HELD.—Deaths from violence, 14; cerebral apoplexy, 10; apoplexy with intemperance, 2; congestion of the lungs, 1; angina pectoris, 1; other disease of the heart, 6; want, 1; childbirth, 1; other special causes, 27; "natural," "a visitation of God," &c., 17.—TOTAL, 80 cases.

THE NUMBER OF CASES IN WHICH IT IS REPORTED THAT A POST MORTEM EXAMINATION WAS MADE, IS 31.

# METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, During the Week ending Saturday, 20th February, 1847.

Day.  —  1847	Phases of the  Moon	Mean height of the Barometer, from 12 Observations, (corrected and reduced to 32 degrees Fahrenheit.)	Readings of Thermometers										Difference between the Dew Point Temperature and Air Temperature			Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 25 years	WIND						Mean Amount of Cloud, 9-10	Rain in inches, read at 9 o'clock the next morning
			Dry			Dew Point	Highest in the sun, as shown by a self-register- ing Thermometer	Lowest on the grass, as shown by a self-register- ing Thermometer	In the Water of the Thames at Greenwich, by the self- registering Thermometer, read at 9 o'clock next morning		Mean of 12 Diffs.	Greatest	Least	General Direction			Pressure in lbs. on the square foot			Amount of Horizontal Movement of the Air in each day				
			High- est from 12 Obs.	Low- est from 12 Obs.	Mean from 12 Obs.	Mean from 19 Rits			Highest	Lowest				A.W.	P.W.		Greatest	Least	Mean of 12 Obs.					
FEBRUARY		in.	°	°	°	°	°	°	°	°	°	°	°	°	S.W.	W.S.W.	lbs.	lbs.	lbs.	Miles				
SUN.	14						46.5	39.0	34.0	32.5							4.5	0.1	1.1	185	10.0	0.17		
MON.	15	New	29.385	52.0	41.9	46.0	42.4	55.0	31.2	37.0	34.0	3.6	8.5	0.0	+ 7.3	S.W. and Calm	W.S.W.	8.0	0.0	1.6	285	7.8	0.16	
TUES.	16	Perigee	29.611	46.0	37.1	42.0	38.3	50.5	35.5	38.0	35.5	3.7	6.4	0.2	+ 3.6	W.S.W.	S.W.	5.5	0.0	0.5	260	6.7	0.18	
WED.	17	In Equator.	29.749	54.0	43.5	48.3	43.8	65.5	41.7	41.2	37.5	4.5	10.2	2.0	+ 10.6	W.S.W.	S.W.	5.0	0.1	1.8	365	4.8	0.00	
THU.	18		29.749	52.0	47.2	49.3	46.4	57.0	36.0	44.0	40.2	2.9	5.0	0.2	+ 10.9	S.W.	S.W.	8.0	0.6	3.6	440	10.0	0.03	
FRI.	19		29.845	49.1	39.0	44.9	37.8	59.5	31.5	44.2	42.0	7.1	15.1	0.6	+ 5.8	W.S.W.	W.S.W.	16.5	0.3	3.4	255	4.8	0.00	
SAT.	20		30.125	49.3	38.8	43.5	38.6	62.0	37.0	44.0	43.2	4.9	10.3	2.5	+ 4.7	W.S.W.	S.W. by S.	1.0	0.0	0.1	200	8.8	0.00	
MEANS			29.744	50.4	41.3	45.7	41.2	56.6	36.0	40.3	37.8	4.4	9.3	0.9	+ 7.2	†					Sum 1990	7.6	Sum 0.54	

DAY	ELECTRICITY	Circumstances accompanying the exhibition of Electricity	GENERAL REMARKS
SUN.	No electricity was shewn at any examination during the day.		Generally overcast with cirrostratus and scud throughout the day. Rain was falling heavily at 3h. a.m. The wind blew at nearly a constant pressure of 4lbs. on the square foot, from 6h. a.m. till 9h. a.m. A rapid thaw.
MON.	No electricity was shewn till 3h. a.m. From this time till 5h. a.m. it was positive with weak tension. From 5h. p.m. till midnight positive and tension moderate.	See General Remarks.	Overcast with cirrostratus and scud till 4h. p.m. Rain was falling frequently from 9h. a.m. till 2h. p.m. In the afternoon and evening the amount of cloud was variable, cirrostratus, scud, and vapour being generally prevalent. The wind was blowing in gusts varying from 5lbs. to 8lbs. pressure on the square foot, from 3h. p.m. till midnight.
TUES.	No electricity was shewn till 6h. a.m. From this time till 2h. p.m. it was positive with weak tension. Positive and tension moderate from 7h. p.m. till midnight.	Rain was falling at 1h. p.m. See General Remarks.	Cloudless till 6h. a.m.: soon after this time a thin cirrostratus suddenly obscured the sky, and during the remainder of the day it continued overcast with these clouds. Rain was falling heavily from 1h. p.m. till 3h. p.m.
WED.	Positive and tension very weak till 8h. a.m. During the remainder of the day no electricity was shewn.	See General Remarks.	Cloudless till 8h. a.m.: from 9h. a.m. till 2h. p.m. one-half of the sky was generally covered with cirrostratus and scud. At 4h. p.m. it became overcast, and remained so till midnight. The wind was blowing in gusts from 3lbs. to 5lbs. pressure on the square foot throughout the day.
THURS.	With the exception of a short time about noon, when the electricity was positive and very weak, nothing was shewn throughout the day.	See General Remarks.	Overcast with cirrostratus and scud throughout the day. From 11h. a.m. till 1h. p.m. the wind blew with a pressure varying from 6lbs. to 8lbs. pressure on the square foot. At other times during the day the pressure was generally from 3lbs. to 5lbs. on the square foot. Rain fell slightly in the evening.
FRID.	No electricity was shewn till 7h. p.m. From this time till 9h. p.m. it was positive, with tension exceedingly weak.	See General Remarks.	Generally overcast with cirrostratus and scud till 6h. a.m.: from this time till 6h. p.m. the sky was one-half covered with cumuli, cirrostrati, and scud. It became cloudless soon after 6h. p.m., and remained so till midnight. The wind was blowing violently throughout the day; the maximum pressure occurred at 3h. a.m. Several gusts of wind took place from 5h. 40m. a.m. to 6h. 40m. a.m., with pressures varying from 12lbs. to 14lbs. on the square foot.
SAT.	No electricity was shewn till 9h. a.m. From this time till midnight it was positive with moderate tension.	See General Remarks.	Cloudless till 2h. a.m.: during the remainder of the day, with the exception of a short time about noon, the sky was covered with cirrostratus and scud. A halo was visible around the moon at 7h. p.m.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The amount of clouds is estimated by considering a clear sky to be represented by 0, a cloudy sky by 10; and when partially cloudy by estimating the number of tenths of the whole sky covered with cloud. The observations are taken every two hours, day and night.

The readings of the two self-registering thermometers, the one placed in the full rays of the sun, and the other placed on grass fully exposed to the sky, are taken every morning at 9 A.M., and therefore exhibit the highest and lowest readings respectively, that have occurred in the previous 24 hours. They are, however, placed here opposite to the civil day which precedes that on which the thermometers are read.

Whewell's anemometer (from the indications of which the estimation of horizontal movement is made) is read at 10 A.M., and the result given is for the 24 hours preceding. It is placed here opposite to the civil day, which precedes that on which the anemometer is read.

The average temperature for 25 years is furnished by Mr. Henry, Assistant at the Royal Observatory, from the observations made at his residence in the neighbourhood of Greenwich Park.

\* In reading the 16th column, it will be borne in mind that + is read "higher," and — "lower," than the average.

The temperature of the water of the Thames is ascertained by the use of a self-registering thermometer, suspended from the side of the Dreadnought Hospital Ship, at the depth of about 2 feet below the surface. The readings of this instrument are registered under the superintendence of Lieutenant Sanders, R.N., Superintendent of the Dreadnought. The mean reading of a thermometer placed on the mainmast, and read each day at 6h. 30m. A.M., was 43.7; and the mean reading at 7h. 30m. P.M., was 46.9; the mean readings at the Royal Observatory for the same times were 42.8 and 45.9 respectively.

† The direction of the wind for the week is S.W. by W.

The temperature during this week has been remarkable, on account of its excess above the average, exhibiting, in this respect, a marked contrast to the extreme severity of the preceding week. This great change was indicated as about to take place, in the foot note to the report of last week. The temperature after midnight on Saturday, Feb. 13, increased from 32° to 45°; the average temperature for Sunday was 43°, and during the whole of Sunday night the temperature was 41°. The thaw was so rapid, that on Monday morning nearly every trace of the preceding week's hard frost was obliterated, and since that time, the average temperature of each day has been in excess, and to a large amount, as shewn above.

# A TABLE OF Births and Deaths registered in London, During the Week ending Saturday, February 27th, 1847.

ANNUAL SERIES VIII.]

PUBLISHED BY AUTHORITY OF THE REGISTRAR GENERAL.

[No. 9

Causes of Death	Age			Total	Weekly Average derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population	5 Winters	Causes of Death.	Age			Total	Weekly Average derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population	5 Winters
	0 to 15	15 to 60	60 and upwards					0 to 15	15 to 60	60 and upwards			
ALL CAUSES.....	440	326	278	1044	1068		IV.—Laryngitis .....	2	..	..	2	1	
SPECIFIED CAUSES .....	438	324	278	1040	1061		Quinsey .....	1	..	..	1	1	
I.—Zymotic (or Epidemic, Endemic, and Contagious) Diseases.....	109	33	10	152	183		Bronchitis .....	33	28	51	112	39	
SPORADIC DISEASES—							Pleurisy .....	..	5	..	5	2	
II.—Dropsy, Cancer, and other Diseases of uncertain or variable Seat .....	48	26	24	98	112		Pneumonia .....	62	15	6	83	98	
III.—Diseases of the Brain, Spinal Marrow, Nerves and Senses ..	105	27	40	172	170		Hydrothorax .....	..	1	4	5	7	
IV.—Diseases of the Lungs, and of the other Organs of Respiration ..	116	164	104	384	354		Asthma .....	..	6	25	31	40	
V.—Diseases of the Heart and Blood-vessels .....	6	18	14	38	32		Phthisis (or Consump- tion) .....	13	94	12	119	147	
VI.—Diseases of the Stomach, Liver, and other Organs of Digestion ..	38	19	12	69	70		Disease of Lungs, &c. ....	5	15	6	26	19	
VII.—Diseases of the Kidneys, &c. ....	..	7	5	12	8		V.—Pericarditis.....	1	1	..	2	2	
VIII.—Childbirth, Diseases of the Uterus, &c. ....	..	12	..	12	12		Aneurism .....	..	..	1	1	1	
IX.—Rheumatism, Diseases of the Bones, Joints, &c. ....	6	7	1	14	7		Disease of Heart, &c. ....	5	17	13	35	30	
X.—Diseases of the Skin, Cellular Tissue, &c. ....	2	1	1	4	2		VI.—Teething.....	11	..	..	11	16	
XI.—Old Age .....	..	..	62	62	81		Gastritis .....	..	..	..	..	14	
XII.—Violence, Privation, Cold and Intemperance .....	8	10	5	23	30		Enteritis .....	1	1	1	3	2	
I.—Small Pox .....	10	1	..	11	17		Peritonitis .....	2	1	1	4	8	
Measles .....	4	..	..	4	28		Tabes Mesenterica.....	12	1	..	13	6	
Scarlatina .....	12	1	..	13	26		Worms .....	4	..	..	4	1	
Hooping Cough .....	48	..	..	48	47		Ascites .....	..	1	1	2	2	
Croup .....	7	..	..	7	9		Ulceration (of Intestines, &c.) .....	..	2	..	2	2	
Thrush .....	3	..	..	3	3		Hernia .....	1	2	..	3	3	
Diarrhoea.....	5	2	3	10	7		Colic or Ileus .....	1	1	1	3	3	
Dysentery .....	1	..	..	1	2		Intussusception .....	..	..	..	..	4	
Cholera .....	..	1	..	1	3		Stricture (of the Intestinal Canal) .....	..	1	..	1	5	
Influenza .....	..	..	1	1	3		Hæmatemesis .....	..	..	..	..	8	
Ague .....	..	1	..	1	4		Disease of Stomach, &c. ....	2	..	3	5	5	
Remittent Fever.....	2	..	..	2	6		Disease of Pancreas .....	..	..	..	..	2	
Typhus .....	15	21	5	41	32		Hepatitis .....	..	2	1	3	2	
Erysipelas .....	2	4	..	6	6		Jaundice .....	3	1	..	4	2	
Syphilis .....	..	2	1	3	1		Disease of Liver, &c. ....	1	6	4	11	10	
Hydrophobia .....	..	..	..	..	1		Disease of Spleen.....	..	..	..	..	2	
II.—Hæmorrhage .....	2	..	1	3	2		VII.—Nephritis.....	..	..	..	..	5	
Dropsy .....	..	7	7	14	32		Ischuria .....	..	..	..	..	7	
Abscess .....	1	..	..	1	2		Diabetes .....	..	1	..	1	6	
Noma .....	..	..	..	..	2		Cystitis .....	..	1	1	2	4	
Mortification .....	1	..	3	4	4		Stone .....	..	..	..	..	4	
Purpura .....	1	..	..	1	3		Stricture (of the Urethra) ..	..	..	..	..	9	
Scrofula .....	1	..	..	1	3		Disease of Kidneys, &c. ....	..	5	4	9	5	
Cancer .....	..	12	5	17	12		VIII.—Childbirth .....	..	11	..	11	8	
Tumour .....	..	1	1	2	1		Paramenia .....	..	1	..	1	2	
Gout .....	..	..	1	1	1		Ovarian Dropsy .....	..	..	..	..	8	
Atrophy .....	19	2	1	22	12		Disease of Uterus, &c. ....	..	..	..	..	2	
Debility .....	14	1	..	15	23		IX.—Arthritis .....	..	..	..	..	1	
Malformations .....	2	..	..	2	2		Rheumatism .....	1	3	1	5	3	
Sudden Deaths (including Coroners' Inquests, in which it is not shewn from what diseases or causes the persons died.)	7	3	5	15	16		Disease of Joints, &c. ....	5	4	..	9	4	
III.—Cephalitis .....	11	3	..	14	12		X.—Carbuncle .....	..	..	..	..	1	
Hydrocephalus .....	34	..	..	34	37		Phlegmon .....	1	..	..	1	2	
Apoplexy .....	5	6	15	26	24		Ulcer .....	..	1	1	2	8	
Paralysis .....	1	9	17	27	22		Fistula .....	..	..	..	..	4	
Convulsions .....	50	..	..	50	54		Disease of Skin, &c. ....	1	..	..	1	6	
Tetanus .....	..	..	..	..	5		XI.—Old Age .....	..	..	62	62	81	
Chorea .....	..	..	..	..	1		XII.—Intemperance .....	..	..	..	..	9	
Epilepsy .....	..	1	1	2	5		Privation .....	..	..	1	1	7	
Insanity .....	..	2	3	5	1		Violent Deaths .....	8	10	4	23	28	
Delirium Tremens.....	..	3	..	3	2		Causes not Specified.....	2	2	..	4	6	
Disease of Brain, &c. ....	4	3	4	11	12								

Weekly Average derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population		Deaths registered in the Week		Births registered in the Week	
Males .....	542	Males .....	520	Males .....	759
Females .....	526	Females .....	524	Females .....	719
Total .....	1068	Total .....	1044	Total .....	1478

Deaths registered in this the ninth week of the first quarter, and in each of the corresponding weeks of the same quarter of the seven preceding years:—  
 (1840) | (1841) | (1842) | (1843) | (1844) | (1845) | (1846) | (1847)  
 984 | 1096 | 975 | 1036 | 1055\* | 1133 | 916 | 1035  
 Deaths in the districts added in 1847..... 9

NOTE.—The above return contains births and deaths which occurred in the sub-district of Hampstead; and in the sub-districts of Plumstead and Charlton, Lee, Lewisham, Eltham, and Sydenham, added at the commencement of this year for the first time. The increase which arises from these additional returns amounts, for the present week, to 17 births and 9 deaths.  
 \* The mortality of Wandsworth and Clapham was added to the Weekly Returns for London in 1844. In this comparison, a correction is made for this District, in the corresponding weeks of the four preceding years.

DISTRICTS OF LONDON, Comprising 135 Registrars' Districts.		Area in square Miles	Population Enu- merated in 1841	Weekly Average derived from Deaths of 1842-6, and corrected for increase of Population	DEATHS registered in the Week	BIRTHS registered in the Week
				Winters		
WEST DISTRICTS	{ Kensington; Chelsea; St. George, Hanover-square; Westminster; St. Martin in the Fields; St. James .....	17.2	301,326	158	139	191
NORTH DISTRICTS	{ St. Marylebone; St. Pancras; Islington; Hackney; part of Edmonton, <i>via</i> Hampstead	20.5	376,396	203	210	283
CENTRAL DISTRICTS	{ St. Giles and St. George; Strand; Holborn; Clerkenwell; St. Luke; East London; West London; City of London .....	2.8	374,759	198	191	249
EAST DISTRICTS	{ Shoreditch; Bethnal Green; Whitechapel; St. George in the East; Stepney; Poplar .....	8.8	393,247	222	242	367
SOUTH DISTRICTS	{ St. Saviour; St. Olave; Bermondsey; St. George, Southwark; Newington; Lambeth; Wandsworth and Clapham; Camberwell; Rotherhithe; Greenwich; Lewisham	66.2	502,483	287	262	388
TOTALS .....		115.5	1,948,211	1068	1044	1478

Births and Deaths *not caused by Violence*, registered in the Metropolis in the last 13 weeks, with the *Mean Temperature* for the same periods.

	5th Dec.	12th Dec.	19th Dec.	26th Dec.	*2nd Jan.	9th Jan.	16th Jan.	23rd Jan.	30th Jan.	6th Feb.	13th Feb.	20th Feb.	27th Feb.
BIRTHS .....	1350	1252	1311	1192	1650	1347	1457	1334	1525	1326	1364	1389	1478
DEATHS (except from Violence) .....	1023	1123	1223	1228	1429	1369	1261	1211	1129	1083	1131	1225	1022
Deaths (except from Violence) at 60 yrs. & upwards	238	295	327	375	429	391	368	320	337	291	322	341	274
Bronchitis .....	77	106	147	154	163	168	153	172	159	111	127	134	112
Pneumonia .....	99	114	144	146	133	136	128	118	126	114	116	125	83
Asthma .....	34	33	60	53	71	88	56	67	44	36	50	61	31
Mean Temperature .....	32°0	35°9	29°9	36°3	29°0	37°3	32°2	32°6	41°7	34°8	25°6	45°7	35°8

\* The DISTRICT of Lewisham and Sub-district of Hampstead were added to "London" in the week ending 2nd January; the Births and Deaths therefore are not contained in the previous weeks.

## EXTRACTS FROM THE METROPOLITAN RETURNS OF THE PREVIOUS WEEK, No. 8.

(The tabular abstract on the first page is for the week ending Saturday, Feb. 27th. The following selection of cases is made from the returns for the week ending Feb. 20th.)

NOTE.—M. or F. at the beginning of an entry indicates sex; the numerals which follow, mark the age at death, in years, *except when otherwise stated*. The italics at the end of an entry shew the duration of illness; and when the place is supplied by an asterisk (\*), the Coroner, Medical Practitioner, or other Informant, has not been able to ascertain, or has omitted to state the time in which the person has been subject to the disease or injury which has proved fatal. It should invariably be stated that duration of illness could not be ascertained, when this is the case.

### RETURNS OF VIOLENT DEATHS, MADE CHIEFLY BY CORONER.

NOTE.—The cases of violence not returned by the Coroner, have the words "no inquest."

Fractures and Contusions:—	duration	Fractures and Contusions (continued):—	duration	Burns and Scalds:—	duration
In St. Bartholomew's Hospital, coach painter, about 44 ( <i>post mort.</i> ), fracture of his skull, caused by a fall as he was getting in at a window (at Whitecross Street) .....	6 days	F. 87 ( <i>no inquest</i> ), fracture of the femur, with consequences .....	3 months	In St. Bartholomew's Hospital, son of a labourer, 5, burnt by his pinafore taking fire, whilst alone (at Islington) .....	7 hours
M. 9 mon. ( <i>no inquest</i> ), accidental concussion of the brain from a fall .....	26 hours	In Westminster Hospital, M. 48 ( <i>no inquest</i> ), supposed secondary deposition of pus— injury to elbow .....	*	In St. Bartholomew's Hospital, son of a copper-plate printer, 3, burnt by his clothes taking fire, whilst alone (at Shacklewell) .....	20 hours
		(The cause of injury should have been stated.)		In St. Bartholomew's Hospital, daughter of a carman, 7, burnt by her frock and pinafore taking fire, from a cinder falling out of the fire (at Clerkenwell) .....	20 hours
F. 13, {atrophy from accidental injury to the spine by a fall .....	4 years	Wounds:—		In St. Bartholomew's Hospital, daughter of a clerk in a brewery, 1, burnt by her clothes taking fire, by another child putting a piece of lighted paper to her pinafore .....	1 week
M. 19, accidentally killed by falling down a ship's hold on his head.		In King's College Hospital, shoemaker, 49, erysipelas following wound in the throat—cut his throat with a shoemaker's knife (in temporary insanity) .....	17 days	In St. Bartholomew's Hospital, daughter of a labourer, 4, scalded by the upsetting of a saucepan from the fire, containing hot water (at Francis Street, City Road) .....	17 hours
Carpenter, 44 ( <i>post mort.</i> ), accidental death from fracture and dislocation of the ankle, by a fall from a plank (at Ferry Road, Poplar) .....	3 months	In St. Bartholomew's Hospital, under-cutter at a paper mill, about 18 ( <i>post mort.</i> ), disease of the brain, most probably accelerated by lacerating his left arm by the machinery of a paper mill, at Woburn, Bucks .....	17 days	In St. Bartholomew's Hospital, son of a fish-monger, 1, scalded on the buttocks by being held over hot water, to induce a motion of the bowels (at Cole's Buildings, Long Lane, Smithfield) .....	54 hours
M. 58, inflammation of the spinal cord, and effusion of serum thereon, from an accidental fall .....	13 days	M. 18, suicide by cutting his throat in temporary insanity .....	instant	Poison:—	
F. 56, effects of an accidental fall in the street 55 days		F. 42, suicide by cutting her throat with a razor, in temporary derangement .....	*	In St. Bartholomew's Hospital, coachmaker, 34 ( <i>post mort.</i> ), congested state of the vessels of the brain, arising from a dose of laudanum, an overloaded stomach, exposure to cold, and the application of the stomach pump .....	5 hours
In St. Bartholomew's Hospital, widow, 82, fracture of her skull by falling from a cart (the horse having slipped down from the frost in Old Street Road) .....	a few minutes	Drowning:—		M. 30, taking oxalic acid in temporary insanity found dead.	
Omnibus driver, 37, lacerated wound of the scalp, by being thrown off an omnibus (man-slaughter against Matthew Ford) .....	9 days	Daughter of a labourer, 11, accidentally drowned, venturing on the Lea at Bunker's pond.			
F. 81 ( <i>no inquest—post mort.</i> ), fracture of the neck of the femur—mortification of the back .....	*	Labourer, 45, accidentally drowned in the London Docks, by falling with a truck from the quay.			
In St. Thomas' Hospital, M. 91 ( <i>no inquest</i> ), fracture of the neck of the thigh bone, from which the patient had recovered; but he became afterwards ill, and was at times delirious, and gradually sank .....	*	Suffocation:—			
		F. 3 wks., accidental asphyxia in bedclothes, caused by pressure against her mother's person, whilst asleep.			

### FOURTEEN HOSPITALS.—CAUSES OF DEATHS (NOT VIOLENT) AS RETURNED BY THE MEDICAL OFFICERS.

NOTE.—Deaths in hospitals from fractures, wounds, burns, scalds, poison, are not contained in this list. See deaths by violence.

St. George's H.:—	duration	St. George's H. (continued):—	duration	St. George's H. (continued):—	duration
M. 35, {ulceration of the membrana tympani suppuration of the internal ear. secondary abscesses. granular degeneration of the kidneys .....	*	M. 37, {dropsy .....	*	F. 60, {mottling degeneration of the kidneys .....	*
M. 27, {bronchitis .....	*	( <i>post mort.</i> ) {hypertrophy of the heart.		( <i>post mort.</i> ) {cirrhosis of liver.	
( <i>post mort.</i> ) {head affection .....	*	{mottling degeneration of the kidneys.		{dilated flabby heart, with thick- ened mitral valves.	
( <i>post mort.</i> ) {extensive emphysema of lungs.	*	{pericarditis, recent and chronic.		{scirrhus of pylorus .....	*
M. 18, {phthisis pulmonalis .....	*	{peritonitis, recent and chronic.		( <i>post mort.</i> ) {scirrhous deposits in the liver, kidneys, uterus, and omentum.	*
( <i>post mort.</i> ) {serofulous deposits in the omentum 4 weeks		{perforating ulcer of the stomach.		{mottling degeneration of kidneys.	*
{inflammation of the brain, chronic		{soft cancer.		{epileptic fits .....	*
M. 17, {acute symptoms .....	about 7 days	M. 52, {malignant disease of the bowels ( <i>post mort.</i> ) {and mesenteric glands; and liver, with ascites.			
( <i>post mort.</i> ) {miliary tubercles in the lungs, spleen, and kidneys.		F. 27 ( <i>post mort.</i> ), fever—ulceration of the bowels .....	10 days		

FOURTEEN HOSPITALS.—CAUSES OF DEATH (NOT VIOLENT) AS RETURNED BY THE MEDICAL OFFICERS (continued).—

Westminster H.—		St. Bartholomew's H. (continued).—		Dreadnought H.—	
	duration		duration		duration
F. 40, { typhus incipient phthisis.	28 days	F. 26, phthisis	*	M. 19, { epilepsy (p.m.) cerebral congestion.	3 days
F. 36, { ovarian disease peritonitis.	1 year 9 days	F. 42, chronic bronchitis, with emphysema	*	M. 21, { double pleuro-pneumonia, after typhus (p.m.) and erysipelas	*
See Violent Deaths.		M. 24 (inquest—post mort.), inflammation of his brain, with a deposit of pus or matter in the membranes of the brain	4 days	M. 21, { tubercles in and consolidation of both lungs.	*
Charing Cross H.—		M. 48, delirium tremens	*	M. 23, { effusion of serum into pleurae.	*
M. 29, abscess in left groin—febris typhoides	*	M. 24, ulcerated sore throat	*	M. 23, { pneumonia and pleuritis	5 days
F. 44 (post mort.), bronchitis	*	M. 59, emphysema, with bronchitis	*	M. 23, { consolidation of left base—pleuritis (p.m.) and effusion.	*
F. 24 (post mort.), erysipelas	*	M. 15, phthisis	*	M. 62, { phthisis	4 months
Middlesex H.—		M. 21, fatty degeneration of the kidney	*	M. 62, { pneumonia and gangrene of right lung. (p.m.) large cavity in right, and tubercles in both lungs.	18 months
M. 16 (post mort.), scrofulous disease of the vertebrae, with abscesses.	*	London H.—		M. 26, { disease of kidneys and bladder	18 months
M. 47, diseased liver	*	M. 4, { calculus	*	M. 26, { suppuration of right kidney, and occlusion of ureter. (p.m.) tubercles in lungs, liver, spleen, kidneys, and peritoneum.	*
M. 21, desquamation of the cuticle, and thickening of the cutis over the whole body—deposits in the liver and spleen—enlarged absorbent glands	*	M. 5, { lithotomy	17 days	Royal Ordnance H.—	
University College H.—No Deaths registered.		M. 65 (post mort.), consumption	10 months	24 { fever	
Fever H.—No Deaths registered from this cause.		M. 55, { morbus Brightii	1 year	18 { consumption	
Small Pox H.—No Deaths registered from this cause.		(post mort.) { anasarca	8 weeks	18 { fever	
King's College H.—		St. Thomas' H.—		22, consumption	
M. 7, inflammation of the brain	2 weeks	M. 25, phthisis	28 months	22, chronic cough—consumption	
See Violent Deaths.		M. 62, pulmonary apoplexy, and disease of the valves of the heart	*	16, scarlatina	
St. Bartholomew's H.—		M. 52, pneumonia	6 weeks	23 { acute catarrh	
M. 25, convulsions	*	M. 50, { abscess of the prostate gland	*	inflammation of lungs	
M. 41, bronchitis and emphysema	*	M. 60, { disease of the bladder and kidneys	*	Gunnery in the Royal Artillery	
F. 50, diffused bronchitis	*	F. 60, diseased heart and lungs	*	24 { fever	
F. 28, cancer of the uterus and rectum	*	Guy's H.—		18 { consumption	
F. 41, { strangulated hernia	*	F. 22 (post mort.), adhesion of vagina—operation—acute peritonitis—pleurisy	40 days	22, erysipelas of head	
F. 41, { operation	10 hours	M. 23, phthisis	6 months	22, consumption	
F. 19, diffused bronchitis, with abortion	*	M. 33, { phthisis	4 months	22, chronic cough—consumption	
		(p.m.) { ulceration of mucous membrane of small intestine.	*	16, scarlatina	
		M. 52, old stricture—extravasation	*	23 { acute catarrh	
		F. 60, { bronchitis	*	inflammation of lungs	
		F. 60, { dilated heart	*		

DEATHS BY SMALL POX, TYPHUS, ETC., SYPHILIS, HEMORRHAGE, MALFORMATION, HERNIA, DIABETES, STONE, CHILDBIRTH, DELIRIUM TREMENS, INTemperance, PRIVATION, ETC.

Small Pox.—		Infantile Fever.—		Childbirth.—The time elapsing from commencement of labour to death should invariably be returned.	
	duration		duration		duration
F. 2, variola (natural)	*	F. 2, { infantile fever	6 or 7 days	F. 34, childbirth	7 days
F. 6, { variola	8 days	(p.m.) { convulsions.	*	F. 30, { abscess in the ligamentum latum, and (p.m.) gangrene of the ovary of the left side	*
M. 9, small pox (natural—never vaccinated)	12 days	F. 2, { great turgescence of vessels of the head —but no effusion nor marks of inflammatory action.	*	F. 30, { childbirth	*
M. 24 days, small pox—eruption appeared 3 days after birth, supposed to have been caused by the mother seeing a diseased person in the street previous to her delivery.	15 days	Syphilis.—		F. 30, { effusion of bloody serum in the cavity of the abdomen	6 days
F. 9, { small pox	15 days	M. 24, { syphilis	13 months	F. 23, { hysteritis supervening on childbirth	4 days
F. 9, { inflammation of the brain	15 days	M. 1, { phagedæna and laryngitis	*	F. 23, { negligence of midwife in not calling in medical advice	*
F. 2, { first attack—never vaccinated	3 weeks	M. 1, { suffering at the same time from secondary syphilis.	congenital	F. 38, { delivery	*
F. 2, { small pox—not vaccinated	3 weeks	Hæmorrhage.—		F. 38, { puerperal peritonitis (occurring on second day)	72 hours
F. 3, small pox, not vaccinated, no medical attendant	5 days	M. 25 (inquest), natural death—rupture of a blood-vessel	sudden	F. 34, exhausting diarrhoea consequent on an attack of peritonitis after a bad confinement	an illness of 10 weeks
F. 5 mon., small pox—not vaccinated—no medical attendant	*	Malformation.—		F. 36, inflammation of lungs—confinement—pleurisy—cerebral irritation	*
Typhus, &c.—		F. 12 hours, cyanosis	*	Delirium Tremens.—	
M. 73, typhus fever	2 months	M. 4 days, malformation of the ilio-cæcal valve.	*	See Returns of St. Bartholomew's Hospital.	
F. 5, typhus	7 weeks	F. 6 weeks, hypertrophy, with malformation of the heart.	*	Intemperance.—	
F. 16, fever	5 weeks	M. 5 days, atrophy—malformation of the palate.	*	See following head.	
F. 2, { fever	2 weeks	F. 2, { cyanosis	from birth	Privation.—	
F. 2, { hydrocephalus	1 week	(p.m.) { convulsions	3 days	In Westminster, son of a single woman, under 1 (inquest), exposure to cold air, having been carried about the streets in his mother's arms from 12 to 6 a.m., during unusually low temperature, clothing scanty—found dead in his mother's arms in the streets.	
M. 4, fever	*	M. 8 days, vomiting and convulsions from natural defects in the stomach or intestines, which prevented the passage of food	from birth	In district of Camden Town, M. 72 (inquest), whether from natural causes, or exhaustion caused by want of food, not sufficient evidence to prove.	
M. 66, bilious fever	*	M. 11 mon., { congenital malformation of anus (post mort.) { tabes mesenterica	2 months	In district of St. Andrew, East, Holborn, M. 66 (inquest), exhaustion after intoxication, and frequent exposure to cold, and want of food.	
M. 68, { fever	2 months	Hernia.—		Pneumonia and Cold.—	
M. 22, { debility	3 weeks	F. 44, { strangulated umbilical hernia	65 hours	F. 79, { chronic peripneumonia, accelerated by the late severe weather	
M. 22, { otitis	above 14 days	M. 58, incarcerated hernia	3 days	F. 79, { three paroxysms, at intervals of 5 and 28 days.	
M. 26, fever—imperfect paralysis (especially of the tongue and legs) and imbecility	*	See Returns of St. Bartholomew's Hospital.		Miscellaneous Causes.—	
M. 47, typhus fever	1 week	Other case.—		M. 53, diseased elbow—the left arm having been amputated	
F. 19, febris	12 days	M. 59, { disease of heart	3 years	M. 72, fever resulting from amputation performed on the preceding Tuesday, for a disease of the knee	
M. 5, fever	5 days	(p.m.) { dropsy—hernia—asthma	*	F. 72, { cystitis	
F. 50, fever	10 days	Diabetes.—		(post mort.) { granular hypertrophy	
F. 70, fever	5 days	No deaths registered from this cause.		F. 53, cirrhosis	
F. 62, { typhus	12 days	Stone.—		F. 48, cirrhosis	
F. 62, { inflammation of the lungs	7 days	M. 1, { calculus of kidney	4 months		
M. 27, fever	8 days	(p.m.) { convulsions	2 days		
F. 50, low fever	5 weeks	See Returns of London Hospital.			
M. 2, fever	3 months	Other case.—			
M. 9, { typhus	11 weeks	M. 60 (post mort.) effusion in the chest and head—diseased heart—chronic bronchitis—disease of kidneys, and stone in the bladder	several years		
F. 70, old age and low fever	*				
F. 21, { fever	9 weeks				
F. 21, { aloughing of the nates	*				
M. 55, typhus fever	*				
M. 86, senile fever—old age	*				
F. 70, senile fever	*				
M. 27, { simple continued fever	8 days				
F. 5 mon., typhus fever	30 hours				
F. 32, { typhus—bronchitis	16 days				
M. 59, { hæmorrhage from the bowels	10 days				
M. 59, { fever	10 days				
M. 59, { bronchitis	10 days				
See Hospital Returns.					
Remittent Fever.—					
F. 3, { remittent fever	8 days				
F. 3, { hydrocephalus	4 days				
M. 1, { remittent fever with bronchitis	3 months				
F. 2, { rupture of a blood vessel of the stomach	24 hours				
F. 2, { remittent fever	2 months				
F. 2, { convulsions	2 months				

In the return for week ending February 20th, deaths were—

(1) Certified by Medical Attendant in	1145 cases.
(2) Attested by Coroner	50 "
(3) Stated to have had no Medical Attendant	29 "
(4) Not certified	29 "

TOTAL...1253

Deaths under 1st and 2nd heads show a proportion to the total number of 95 per cent. It must be observed, that the term "certified" signifies, that in all cases to which it is applied, a written statement of the cause of death was made by a qualified practitioner.

ANALYSIS OF CASES IN WHICH INQUESTS WERE HELD.—Violence, 22; apoplexy, 4; rupture of a blood vessel, 1; cold and privation, 3; other specified causes, 11; "found dead," "natural," "visitation of God," &c., 9.—TOTAL, 50 cases.

THE NUMBER OF CASES IN WHICH IT IS REPORTED THAT A POST MORTEM EXAMINATION WAS MADE, IS 57.

# METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, During the Week ending Saturday, 27th February, 1847.

Day.	—	1847	Phases of the Moon	Mean height of the Barometer, from 12 Observations, (corrected and reduced to 32 degrees Fahrenheit.)	Readings of Thermometers										Difference between the Dew Point Temperature and Air Temperature			Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 25 years	WIND							Mean Amount of Cloud, 0—10	Rain in inches, read at 9 o'clock the next morning
					Dry			Dew Point	In the Water of the Thames at Greenwich, by the self- registering Thermometer, read at 9 o'clock next morning	Mean of 12 Diff.	Greatest	Least	General Direction		Pressure in lbs. on the square foot				Amount of Horizontal Movement of the Air in each day								
					High- est from 12 Obs.	Low- est from 12 Obs.	Mean from 12 Obs.	Mean from 12 Rts					Highest	Lowest	A.M.	P.M.	Greatest			Least	Mean of 12 Obs.						
FEBRUARY			in.	°	°	°	°	°	°	°	°	°	°	°	°	S.W.	W.S.W.	lbs.	lbs.	lbs.	Miles						
SUN.	21						51'3	32'4	44'0	43'5																	
MON.	22	First- Quarter	30'190	46'1	44'0	45'2	43'2	48'5	37'8	44'0	43'5	2'0	2'7	0'9	+ 5'3	W. by S. and Calm	W. by S.	0'1	0'0	0'0	20	10'0	0'00				
TUES.	23	Greatest declination N.	30'139	44'4	32'7	39'7	36'7	44'5	21'2	43'8	43'0	3'0	6'3	0'0	+ 0'0	E.	E. and Calm	0'3	0'0	0'1	170	8'6	0'00				
WED.	24		30'078	40'0	29'7	33'5	23'8	51'8	18'8	42'8	42'0	9'7	18'8	6'7	— 6'3	E. and Calm	E. and Calm	1'5	0'0	0'3	110	1'8	0'00				
THU.	25		30'016	40'3	30'0	33'7	23'9	58'2	15'5	42'0	41'0	9'8	14'5	6'4	— 6'9	Calm	Calm	0'0	0'0	0'0	45	8'0	0'00				
FRI.	26		29'995	38'4	28'0	32'2	25'6	55'5	18'0	41'5	39'2	6'6	10'7	3'4	— 7'8	Calm	Calm	0'0	0'0	0'0	90	6'1	0'00				
SAT.	27		29'985	33'2	28'5	30'6	21'8	40'6	19'0	40'2	37'8	8'8	16'0	3'2	— 9'5	Calm and E.	E. and Calm	0'1	0'0	0'0	95	8'4	0'00				
MEANS			30'067	40'4	32'2	35'8	29'2	50'1	23'2	42'6	41'4	6'7	11'5	3'3	— 4'2	+						Sum 640	8'8	Sum 0'00			

DAY	ELECTRICITY	Circumstances accompanying the exhibition of Electricity	GENERAL REMARKS
SUN.	No electricity was shewn at any ex- amination throughout the day.	See General Remarks.	The sky was overcast with cirrostratus and scud throughout the day.
MON.	Positive and tension moderate through- out the day, except from 5h. p.m. till 7h. p.m., when nothing was shewn.	See General Remarks.	Overcast with cirrostratus and scud throughout the day. The range of the temperature for this day was remarkably small, being only 3°.
TUES.	Positive and tension moderate till 6h. a.m. Nothing was shewn at any other times.	See General Remarks.	Overcast with cirrostratus and scud till 5h. 10m. p.m.; from this time till midnight the sky was cloudless. The magnets were disturbed in the early part of the morning.
WED.	No electricity was shewn till noon. Pos- itive and tension occasionally strong from that time till midnight.	See General Remarks.	Overcast till 6h. p.m. During the remainder of the day one-half of the sky was generally covered with cloud. The magnets were disturbed from 7h. p.m. till 9h. p.m.
THURS.	Positive and tension moderate from 7h. p.m. till midnight. Occasional positive electricity, but very weak, before that time.	See General Remarks.	Overcast till 8h. a.m. From this time till 2h. p.m. one-third of the sky was generally covered with cumuli, cirrostrati, and scud. In the afternoon, with few exceptions, three-fourths of the sky were covered with cirrostratus and scud.
FRID.	Positive and tension occasionally very strong throughout the day.	See General Remarks.	The sky was generally covered with cirrostratus and scud till 2h. p.m. Occasionally cloudless afterwards throughout the day. Snow was falling at about 5h. p.m., and at noon.
SAT.	Positive but very weak till noon. Ten- sion moderate from that time till midnight.	See General Remarks.	Generally overcast till 2h. p.m. The sky was then about one-half covered with cirrostratus, fleece clouds, and scud till 5h. p.m. Overcast throughout the remainder of the day. A few flakes of snow were falling occasionally during the morning.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The amount of clouds is estimated by considering a clear sky to be represented by 0, a cloudy sky by 10; and when partially cloudy by estimating the number of tenths of the whole sky covered with cloud. The observations are taken every two hours, day and night.

The readings of the two self-registering thermometers, the one placed in the full rays of the sun, and the other placed on grass fully exposed to the sky, are taken every morning at 9 A.M., and therefore exhibit the highest and lowest readings respectively, that have occurred in the previous 24 hours. They are, however, placed here opposite to the civil day which precedes that on which the thermometers are read.

Whewell's anemometer (from the indications of which the estimation of horizontal movement is made) is read at 10 A.M., and the result given is for the 24 hours preceding. It is placed here opposite to the civil day, which precedes that on which the anemometer is read.

The average temperature for 25 years is furnished by Mr. Henry, Assistant at the Royal Observatory, from the observations made at his residence in the neighbourhood of Greenwich Park.

\* In reading the 16th column, it will be borne in mind that + is read "higher," and - "lower," than the average.

The temperature of the water of the Thames is ascertained by the use of a self-registering thermometer, suspended from the side of the Dreadnought Hospital Ship, at the depth of about 2 feet below the surface. The readings of this instrument are registered under the superintendence of Lieutenant Sanders, R.N., Superintendent of the Dreadnought. The mean reading of a thermometer placed on the mainmast, and read each day at 6h. 30m. A.M., was 36'2; and the mean reading at 7h. 30m. P.M., was 34'9; the mean readings at the Royal Observatory for the same times were 35'2 and 33'9 respectively.

† The mean direction of the wind for the first two days is W.S.W., and for the remainder of the week, E.

The hygrometrical state of the air during the last four days of this week has been very remarkable, on account of its excessive dryness, exhibiting, in this respect, a greater degree of dryness than during any other period of so long duration since the establishment of the Meteorological Observatory. The temperature of the Dew Point was very frequently from 10° to 18° below that of the air, although the latter was generally below the freezing point; and this continued throughout the whole of each night. The wet bulb thermometer has required frequent examination, and it has read from 2° to 3° below that of the day. The weight of water in a cubic foot of air was less than 1½ grain during this period.

# A TABLE OF Births and Deaths registered in London, During the Week ending Saturday, March 6th, 1847.

ANNUAL SERIES VIII.]

PUBLISHED BY AUTHORITY OF THE REGISTRAR GENERAL.

[No. 10]

Causes of Death	Age			Total	Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population	5 Winters	Causes of Death.	Age			Total	Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population	5 Winters
	0 to 15	15 to 60	60 and upwards					0 to 15	15 to 60	60 and upwards			
ALL CAUSES.....	446	306	256	1008	1068		IV.—Laryngitis .....	1	..	1	2	1	
SPECIFIED CAUSES .....	446	306	255	1007	1061		Quinsey .....	..	1	..	1	1	
I.—Zymotic (or Epidemic, Endemic, and Contagious) Diseases.....	108	24	16	148	183		Bronchitis .....	29	25	32	86	39	
SPORADIC DISEASES—							Pleurisy .....	1	..	2	3	2	
II.—Dropsy, Cancer, and other Diseases of uncertain or variable Seat .....	66	20	24	110	112		Pneumonia .....	77	14	6	97	98	
III.—Diseases of the Brain, Spinal Marrow, Nerves and Senses ..	103	29	41	173	170		Hydrothorax .....	1	1	8	10	7	
IV.—Diseases of the Lungs, and of the other Organs of Respiration ..	125	158	80	363	354		Asthma .....	..	10	19	29	40	
V.—Diseases of the Heart and Blood-vessels .....	2	18	16	36	32		Phthisis (or Consump- tion) .....	16	104	8	128	147	
VI.—Diseases of the Stomach, Liver, and other Organs of Digestion ..	27	17	16	60	70		Disease of Lungs, &c.....	..	3	4	7	19	
VII.—Diseases of the Kidneys, &c.....	..	7	3	10	8		V.—Pericarditis.....	..	1	..	1	2	
VIII.—Childbirth, Diseases of the Uterus, &c.....	..	12	..	12	12		Aneurism .....	..	1	1	2	1	
IX.—Rheumatism, Diseases of the Bones, Joints, &c.....	4	5	1	10	7		Disease of Heart, &c. ....	2	16	15	33	30	
X.—Diseases of the Skin, Cellular Tissue, &c.....	..	..	2	2	2		VI.—Teething.....	6	..	..	6	16	
XI.—Old Age .....	..	..	49	49	81		Gastritis .....	..	..	..	..	14	
XII.—Violence, Privation, Cold and Intemperance .....	11	16	7	34	30		Enteritis .....	2	2	2	6	2	
I.—Small Pox .....	8	..	..	8	17		Peritonitis .....	..	3	..	3	2	
Measles .....	5	..	..	5	28		Tabes Mesenterica.....	15	..	..	15	8	
Scarlatina .....	10	1	..	11	26		Worms .....	1	..	..	1	.6	
Whooping Cough .....	44	..	..	44	47		Ascites .....	..	..	1	1	1	
Croup .....	9	..	..	9	9		Ulceration (of Intestines, &c.).....	..	2	..	2	2	
Thrush .....	1	..	..	1	3		Hernia .....	..	4	1	5	3	
Diarrhoea.....	12	2	4	18	7		Colic or Ileus .....	1	..	1	2	3	
Dysentery .....	3	..	..	3	2		Intussusception .....	..	1	..	1	.4	
Cholera .....	..	..	..	..	.3		Stricture (of the Intestinal Canal) .....	..	..	..	..	.5	
Influenza .....	2	..	2	4	3		Hæmatemesis .....	..	1	2	3	.8	
Ague .....	..	..	..	..	.4		Disease of Stomach, &c. ..	1	..	2	3	5	
Remittent Fever.....	1	..	..	1	.6		Disease of Pancreas .....	..	..	..	..	..	
Typhus .....	7	14	7	28	32		Hepatitis .....	..	1	1	2	2	
Erysipelas .....	3	5	3	11	6		Jaundice .....	1	..	2	3	2	
Syphilis .....	3	2	..	5	1		Disease of Liver, &c. ....	..	3	4	7	10	
Hydrophobia .....	..	..	..	..	.1		Disease of Spleen.....	..	..	..	..	.2	
II.—Hæmorrhage .....	1	1	1	3	2		VII.—Nephritis.....	..	1	..	1	.5	
Dropsy .....	..	7	8	15	32		Ischuria .....	..	..	..	..	.7	
Abscess .....	..	..	..	..	2		Diabetes .....	..	1	..	1	.6	
Noma .....	1	..	..	1	.2		Cystitis .....	..	1	..	1	.4	
Mortification .....	..	2	2	4	..		Stone .....	..	..	..	..	.4	
Purpura .....	..	1	..	1	.3		Stricture (of the Urethra) ..	..	1	1	2	.9	
Scrofula .....	2	..	..	2	3		Disease of Kidneys, &c. ..	..	3	2	5	5	
Cancer .....	..	7	4	11	12		VIII.—Childbirth .....	..	6	..	6	8	
Tumour .....	1	..	..	1	1		Paramenia .....	..	..	..	..	.2	
Gout .....	..	3	3	6	1		Ovarian Dropsy .....	..	2	..	2	.8	
Atrophy .....	23	1	..	24	12		Disease of Uterus, &c. ....	..	4	..	4	2	
Debility .....	26	2	..	28	23		IX.—Arthritis .....	..	..	..	..	.1	
Malformations .....	5	1	..	6	2		Rheumatism .....	1	4	1	6	3	
Sudden Deaths (including Coroners' Inquests, in which it is not shewn from what diseases or causes the persons died.)	7	..	6	13	16		Disease of Joints, &c. ....	3	1	..	4	4	
III.—Cephalitis .....	7	1	..	8	12		X.—Carbuncle .....	..	..	..	..	.1	
Hydrocephalus .....	28	..	1	29	37		Phlegmon .....	..	..	..	..	.2	
Apoplexy .....	4	5	14	23	24		Ulcer .....	..	..	2	2	.8	
Paralysis .....	..	7	19	26	22		Fistula.....	..	..	..	..	.4	
Convulsions.....	59	..	..	59	54		Disease of Skin, &c.....	..	..	..	..	.6	
Tetanus .....	..	..	..	..	.5		XI.—Old Age .....	..	..	49	49	81	
Chorea .....	..	..	..	..	.1		XII.—Intemperance.....	..	..	..	..	.9	
Epilepsy .....	1	7	2	10	5		Privation.....	..	..	..	..	.7	
Insanity .....	..	1	..	1	1		Violent Deaths .....	11	16	7	34	28	
Delirium Tremens.....	..	4	3	7	2		Causes not Specified.....	..	..	1	1	6	
Disease of Brain, &c. ....	4	4	2	10	12								

Weekly Average derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population		5 Winters.		Deaths registered in the Week		Births registered in the Week	
Males .....	542	Females .....	526	Males .....	526	Males .....	714
Females .....	526			Females .....	482	Females .....	676
Total 1068				Total.. 1008		Total.. 1390	
Deaths registered in this the tenth week of the first quarter, and in each of the corresponding weeks of the same quarter of the seven preceding years:—							
(1840)	(1841)	(1842)	(1843)	(1844)	(1845)	(1846)	(1847)
923	1066	908	1055	1030*	1141	860	999
Deaths in the districts added in 1847..... 9							
(average of the series of weeks, exclusive of the last) 998							

1008

NOTE.—The above return contains births and deaths which occurred in the sub-district of Hampstead; and in the sub-districts of Plumstead and Charlton, Lee, Lewisham, Eltham, and Sydenham, added at the commencement of this year for the first time. The increase which arises from these additional returns amounts, for the present week, to 18 births and 9 deaths.

\* The mortality of Wandsworth and Clapham was added to the Weekly Returns for London in 1844. In this comparison, a correction is made for this District, in the corresponding weeks of the four preceding years.

## DISTRICTS OF LONDON.

Comprising 135 Registrars' Districts.

	Area in square Miles	Population Enu- merated in 1841	Weekly Average derived from Deaths of 1842-6, and corrected for increase of Population 5 Winters	DEATHS registered in the Week	BIRTHS registered in the Week
WEST DISTRICTS { Kensington; Chelsea; St. George, Hanover-square; Westminster; St. Martin { in the Fields; St. James	17.2	301,326	158	129	179
NORTH DISTRICTS { St. Marylebone; St. Pancras; Islington; Hackney; part of Edmonton, viz. Hampstead	20.5	376,396	203	175	249
CENTRAL DISTRICTS { St. Giles and St. George; Strand; Holborn; Clerkenwell; St. Luke; East { London; West London; City of London	2.8	374,759	198	190	238
EAST DISTRICTS { Shoreditch; Bethnal Green; Whitechapel; St. George in the East; Stepney; { Poplar	8.8	393,247	222	214	334
SOUTH DISTRICTS { St. Saviour; St. Olave; Bermondsey; St. George, Southwark; Newington; Lambeth; { Wandsworth and Clapham; Camberwell; Rotherhithe; Greenwich; Lewisham	66.2	502,483	287	300	390
TOTALS .....	115.5	1,948,211	1068	1008	1390

Births and Deaths not caused by Violence, registered in the Metropolis in the last 13 weeks, with the Mean Temperature for the same periods.

	12th Dec.	19th Dec.	26th Dec.	*2nd Jan.	9th Jan.	16th Jan.	23rd Jan.	30th Jan.	6th Feb.	13th Feb.	20th Feb.	27th Feb.	6th Mar
BIRTHS .....	1252	1311	1192	1650	1347	1457	1334	1525	1326	1364	1389	1478	1390
DEATHS (except from Violence) .....	1123	1223	1228	1429	1369	1261	1211	1129	1083	1131	1225	1022	974
Deaths (except from Violence) at 60 yrs. & upwards	295	327	375	429	391	368	320	337	291	322	341	274	249
Bronchitis .....	106	147	154	163	168	152	172	159	111	127	134	112	86
Pneumonia .....	114	144	146	133	136	128	118	126	114	116	125	83	97
Asthma .....	33	60	53	71	88	56	67	44	36	50	61	31	29
Mean Temperature .....	35.9	29.9	36.3	29.0	37.3	32.2	32.6	41.7	34.8	25.6	45.7	35.8	37.9

\* The DISTRICT of Lewisham and Sub-district of Hampstead were added to "London" in the week ending 2nd January; the Births and Deaths therefore are not contained in the previous weeks.

## EXTRACTS FROM THE METROPOLITAN RETURNS OF THE PREVIOUS WEEK, No. 9.

(The tabular abstract on the first page is for the week ending Saturday, Mar. 6th. The following selection of cases is made from the returns for the week ending Feb. 27th.)

NOTE.—M. or F. at the beginning of an entry indicates sex; the numerals which follow, mark the age at death, in years, except when otherwise stated. The italics at the end of an entry shew the duration of illness; and when the place is supplied by an asterisk (\*), the Coroner, Medical Practitioner, or other Informant, has not been able to ascertain, or has omitted to state the time in which the person has been subject to the disease or injury which has proved fatal. It should invariably be stated that duration of illness could not be ascertained, when this is the case.

## RETURNS OF VIOLENT DEATHS, MADE CHIEFLY BY CORONER.

NOTE.—The cases of violence not returned by the Coroner, have the words "no inquest."

Fractures and Contusions:—	duration	Wounds (continued):—	duration	Burns and Scalds:—	duration
Wife of a retired clerk, 65, concussion of the brain from slipping down stairs, while descending .....	2 hours	M. 68, cut his throat—divided the jugular vein in a temporary state of insanity, of which he .....	instantly died	In Charing Cross Hospital, son of a labourer, 5, burns of the body and limbs—clothes took fire when left in a room with other children (at 19, Princes Row, Newport Market)—no fire guard .....	5 hours
M. 28, accidental death by a blow on the head, from a fall down stairs .....	1 day	M. 41, suicide by cutting his throat with a razor, being of unsound mind .....	*	In Charing Cross Hospital, son of a tailor, 6, burn of the throat and face—pinafire took fire at the grate, when filling the kettle on the hob .....	6 days
Son of a labourer, 13, having his head accidentally jammed between certain parts of machinery for polishing glass .....	instant	Spinster, servant, 26, suicide by cutting her throat in temporary derangement of mind .....	*	Widow of a cutler, 60, burn of the neck and chest—capstring took fire from a candle which she was carrying in her hand .....	51 days
F. 5, accidental death from having been run over by a cart and horse .....	*	<b>Drowning:—</b>		F. 6, accidental death by scalds on the chest from a tea kettle .....	5 weeks
M. 1, accidental blow on the head, while at play in the street, from a horse passing with a cart .....	1 hour	F. servant, 26, drowning—suicide—insane at the time from intoxication.		Son of a servant, 2, scalds of the arms from dipping them by falling into a pail of hot soap suds.	*
<b>Wounds:—</b>		Wife of a coal porter, 42, found dead, apparently drowned, without marks of violence (in the Regent's Canal, Kingsland Road).		Daughter of a labourer, 6 (no inquest), scald from boiling water .....	*
M. 34 (post mort.—no inquest), slight cut on right tibia, with an adke .....	12 days	<b>Hanging and Suffocation:—</b>		<b>Poison:—</b>	
phlebitis .....	5 days	Glass cutter (a pauper), 69, suicide by hanging—insane.		Jeweller and watchmaker, 30, poisoning with half an ounce of laudanum .....	9 hours
delirium .....	20 hours	Wife of a shopkeeper and labourer, 59, hanged herself to her bed-rail, in a temporary state of insanity.		suicide—state of mind unknown.	
Shopman to a tailor, 28, found with a cut in his throat, which caused his death, having been inflicted by a razor, how unknown, but he was insane at the time.		Labourer, 19, found suffocated by the side of a limekiln.			

## THIRTEEN HOSPITALS.—CAUSES OF DEATHS (NOT VIOLENT) AS RETURNED BY THE MEDICAL OFFICERS.

NOTE.—Deaths in hospitals from fractures, wounds, burns, scalds, poison, are not contained in this list. See deaths by violence.

St. George's H.:—	duration	Westminster H.:—No Deaths registered.	duration	Small Pox H.:—	duration
M. 47, inflammation of the bladder .....	*	<b>Charing Cross H.:—</b>		M. 26, small pox—natural—confluent cum delirio .....	12 days
M. 22 (post mort.), disease of the heart, with recent inflammation, and water in the chest .....	*	F. 23, erysipelas—typhoid fever .....	*	F. 5, small pox—natural .....	6 days
M. 54, pulmonary consumption .....	*	<b>See Violent Deaths.</b>		<b>King's College H.:—</b>	
M. 66, { granular degeneration of kidneys { dilated and hypertrophied { heart—disease of aorta and aortic { valves—small contracted liver— { ascites and anasarca. ....	*	<b>Middlesex H.:—</b>		M. 35, phthisis .....	5 months
(post mort.)		M. 20, pleuro-pneumonia .....	4 months	<b>St. Bartholomew's H.:—</b>	
F. 37, malignant disease of the uterus .....	*	M. 60, pneumonia .....	3 weeks	M. 68, aneurism .....	2 years
F. 16, hæmatoid tumour on occiput .....	3 years	M. 26, petechial fever .....	3 weeks	M. 37, disease of the heart .....	*
F. 60 (post mort.), granular degeneration of the kidneys—dilated flabby heart—dropsy—bronchitis .....	*	F. 44, { emphysema pulmonum { icterus .....	2 months	M. 39, paraplegia .....	*
F. 32 (post mort.), granular degeneration of the kidneys—inflammation of the heart—dropsy—bronchitis .....	*	F. 40, anasarca .....	*	M. 42, bronchitis .....	4 months
F. 30 (post mort.), fever, with incipient ulceration of the bowels—lungs congested—reported to have been ill .....	12 days	<b>University College H.:—No Deaths registered.</b>		M. 26, anasarca—bronchitis .....	*
		<b>Fever H.:—</b>		F. 50, bronchitis .....	*
		F. 15, { fever .....	*	F. 15, disease of the bones of the face .....	8 years
		{ from Somers Town—in hospital 9 { hours .....			

THIRTEEN HOSPITALS.—CAUSES OF DEATH (NOT VIOLENT) AS RETURNED BY THE MEDICAL OFFICERS (continued):—

London H.:—		duration	St. Thomas' H.:—		duration	Dreadnought H.:—		duration
M. 20.	{ consumption . . . . .	10 months	M. 43.	{ phthisis . . . . .	13 weeks	M. 39.	{ phthisis . . . . .	3 months
(p.m.)	{ tubercular deposit in both lungs; cavity in right.		M. 48.	{ phthisis . . . . .	1 year	(p.m.)	{ cavities and tubercular deposit in both lungs.	
I. 19.	{ consumption . . . . .	6 months	M. 37.	{ hæmoptysis . . . . .	24 hours	M. 36.	{ left pleuro-pneumonia . . . . .	*
(p.m.)	{ large cavity in right lung—tubercular deposit in both.			{ diseased liver . . . . .	— years	(p.m.)	{ pleuritis of right side, and bronchitis, 4 days effusion of serum, and adhesions.	
I. 13.	{ paralysis . . . . .	9 months	M. 19.	{ albuminuria—dropsy . . . . .	•	M. 16.	{ typhus . . . . .	25 days
	{ a Hebrew child (no post mort. examination allowed.)					(p.m.)	{ ulcerations in lower end of ilium.	
I. 44.	{ catarrhus . . . . .	18 months	Guy's H.:—					
(p.m.)	{ anasarca . . . . .	3 months	F. 19.	{ phthisis . . . . .	4 months			
	{ great dilatation and hypertrophy of heart.		F. 65.	{ malignant ulcer of stomach (cardiac end) . . . . .	*		See Violent Deaths.	
I. 41	(post mort.), stricture of œsophagus . . .	1 year	(p.m.)	{ acute peritonitis . . . . .	48 hours			

DEATHS BY SMALL POX, TYPHUS, ETC., SYPHILIS, HÆMORRHAGE, MALFORMATION, HERNIA, DIABETES, STONE, CHILDBIRTH, DELIRIUM TREMENS,

Small Pox :—		Typhus (continued):—		duration		Childbirth:—The time elapsing from commencement of labour to death should invariably be returned.	
M. 1, small pox (not vaccinated)	10 days	F. 1, gastro-enteric fever	.....	*		F. 24, { delivery	9 days
M. 2, { small pox—natural	3 days	F. 4, { continued fever	.....	*		F. 43, peritonitis 10 days after childbirth,	4 days
M. 2, { no medical attendant.		F. 4, { marasmus	.....	10 weeks		characterized by placenta prævia	*
M. 2, small-pox (1st attack—never vaccinated)	9 days	F. 46, { typhoid fever	.....	1 month		{ childbirth	9 days
M. 2, small pox (1st attack—never vaccinated)		F. 46, { serous apoplexy (2 fits)	.....	1 week		F. 33, { partial acute peritonitis, and puerperal	
M. 3, { no medical attendant	9 days	See Hospital Returns.				F. 33, { fever	7 days
M. 3, { small pox (never vaccinated)	10 days	Ague:—				F. 28, puerperal peritonitis	10 days
M. 1, small pox (never vaccinated)	7 days	M. 25, { ague	.....	*		F. 36, { childbirth	2 hours
M. 11, small pox (never vaccinated)	9 days	M. 25, { dropsy	.....	3 months		F. 27, puerperal peritonitis	*
M. 7 mon., small pox—not vaccinated—no medical attendant	*	Remittent Fever:—				F. 35, childbirth—syncope	*
M. 2 mon., small pox	2 weeks	M. 1, { febris remittens	.....	2 months		F. 25, { delivery	8 days
See Small Pox Hospital Returns.		F. 2, remittent fever—convulsions—diarrhoea	.....	1 week		puerperal convulsions	*
Typhus, &c.—		—ulceration of pudendum and nose	.....	*		F. 19, { childbirth	4 days
M. 30, continued fever—laryngitis	*	Infantile Fever:—				puerperal fever	2 days
M. 22, fever—acute bronchitis	*	M. 18 days, infantile fever	.....	*		F. 34, puerperal peritonitis	4 days
M. 22, continued fever	*	M. 2, infantile fever	.....	*		F. 39, { parturition	*
M. 63, fever	*	F. 2, { infantile fever	.....	14 days		abscesses and bedsores	*
F. 73, fever—apoplexy	6 hours	F. 2, { convulsions	.....	*			
M. 83, influenza—typhus	28 days	M. 3, { infantile fever	.....	1 month			
M. 14, fever	1 week	{ convulsions	.....	1 day			
M. 36, fever	*	Syphilis:—					
F. 2, typhus and pneumonia	16 days	F. 36, { syphilis	.....	1 year		Phthisis and Childbirth:—	
F. 12, typhus fever	14 days	F. 26, syphilis secondary; and dropsy	.....	*		F. 28, phthisis—puerperal fever	*
M. 54, { low fever	22 days	{ syphilis	.....	—years			
{ pneumonia	7 days	M. 60, { phthisis	.....	6 months			
{ predisposing cause, general debility.		ossification of lungs.	.....				
M. 1, fever	7 days	Hæmorrhage:—				Delirium Tremens:—	
F. 53, fever	*	F. 36, { hæmorrhage	.....	*		M. 47, { delirium tremens	6 days
F. 1, fever	*	F. 12 days, hæmorrhage from the navel	.....	*		{ pulmonary apoplexy	
F. 19, low typhoid fever	14 days	F. 6 days, exhaustion—bleeding from the navel	.....	*		M. 29, delirium tremens	8 days
F. 13, { typhus	14 days	Malformation:—				M. 54, delirium tremens	*
{ phthisis pulmonalis	2 months	F. 4 mon., { malformation of cranium.	.....				
{ synochus	15 days	{ hydrocephalus	.....	3 months			
M. 11, { pneumonia	8 days	M. 2 (post mort.), imperforated rectum.	.....	*			
F. 41, typhus—cerebral congestion	15 days	Hernia:—					
M. 66, typhus fever	2 months	F. 43, strangulated femoral hernia—operation	.....	*			
F. 47, fever	14 days	F. 54, rupture of the intestines	.....	*			
M. 8, typhus fever	*	M. 3 mon., hernia and convulsions	.....	*			
F. 8, { typhus fever	12 days	Diabetes:—					
{ pneumonia	5 days	M. 54, { diabetes	.....	many months			
M. 46, typhus fever	7 days	{ coma	.....	20 hours			
M. 47, fever	10 days	Stone:—No deaths registered from this cause.					
F. 35, gastro-intestinal fever	*						
F. 76, fever	*						
M. 17, typhus fever	*						
M. 9, typhus fever	16 days						
F. 7, { febris	1 month						
{ dysentery	4 days						
F. 48, bilious fever	*						
F. 16, typhus fever	15 days						
F. 14, typhus fever	14 days						
F. 7, { fever	3 weeks						
{ hydrocephalus	*						

*In the return for week ending February 27th, deaths were—*

(1) Certified by Medical Attendant in.....	922 cases
(2) Attested by Coroner.....	62 "
(3) Stated to have had no Medical Attendant .....	17 "
(4) Not certified .....	43 "

TOTAL... 1044

Deaths under 1st and 2nd heads show a proportion to the total number of 94 per cent. It must be observed, that the term "certified" signifies, that in all cases to which it is applied, a written statement of the cause of death was made by a qualified practitioner. Besides the 17 cases enumerated above, other deaths which had no medical attendance are probably included under the 2nd and 4th heads.

ANALYSIS OF CASES IN WHICH INQUESTS WERE HELD.—From violence, 20; from apoplexy, 4; from ossification of the heart, 1; other diseases of heart, 2; exposure to cold, 1; other specified causes, 19; "natural;" "visitation of God," "found dead." &c., 15.—TOTAL, 62 cases.

THE NUMBER OF CASES in which it is reported that a POST MORTEM EXAMINATION was made, is 37.

# METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, During the Week ending Saturday, 6th March, 1847.

Day.	Phases of the Moon	Mean height of the Barometer, from 12 Observations, (corrected and reduced to 32 degrees Fahrenheit.)	Readings of Thermometers								Difference between the Dew Point Temperature and Air Temperature			Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 35 years	WIND					Mean Amount of Cloud, 0-10	Rain in inches, read at 9 o'clock the next morning		
			Dry			Dew Point	In the Water of the Thames at Greenwich, by the self- registering Thermometer, read at 9 o'clock next morning	Highest	Lowest	Mean of 12 Diff.	Greatest	Least	General Direction		Pressure in lbs. on the square foot		Amount of Horizontal Movement of the Air in each day						
			Highest from 12 Obs.	Low- est from 12 Obs.	Mean from 12 Obs.	Mean from 19 Rits							Highest		Lowest	A.M.		P.M.	Greatest			Least	Mean of 12 Obs.
FEBRUARY		in.	°	°	°	°	°	°	°	°	°	°	°	°	N.E.	N.E. by N.	lbs.	lbs.	lbs.	Miles			
SUN.	28						51°0	28°0	39°2	36°2													
MAR	CH																						
MON.	1		30°209	38°9	32°5	36°2	31°0	42°0	22°3	38°5	36°0	5°2	8°3	1°3	— 4°2	N.N.E.	N.E. and Calm	0°8	0°0	0°1	6°0	9°8	0°00
TUES.	2	Full Apogee.	30°361	44°4	34°0	39°5	33°9	58°2	32°8	38°0	36°2	5°6	9°7	3°2	— 2°0	Calm and N. by E.	N.N.E.	1°3	0°0	0°1	135	10°0	0°00
WED.	3	In Equator.	30°391	41°5	30°8	37°9	32°3	51°6	15°3	38°0	37°0	5°6	9°4	1°4	— 4°4	N. by E.	N.N.E. and Calm	0°1	0°0	0°0	20	6°6	0°00
THU.	4		30°331	43°0	29°6	36°5	32°4	63°0	34°0	37°8	37°2	4°1	7°6	1°4	— 4°5	Calm and N.N.E.	N.N.E. and Calm	0°1	0°0	0°0	85	10°0	0°00
FRI.	5		30°160	41°9	36°0	39°6	36°1	44°0	33°0	38°0	38°0	3°5	7°1	1°4	— 1°1	N.N.E.	N.N.E.	1°0	0°0	0°1	110	10°0	0°00
SAT.	6		30°025	40°0	35°2	37°4	32°3	42°0	25°5	38°0	38°0	5°1	10°0	2°3	— 3°5	N.N.E.	N. by E.	1°0	0°0	0°1	105	10°0	0°00
MEANS			30°246	41°6	33°0	37°9	33°0	50°3	27°3	38°2	36°9	4°9	8°7	1°8	— 3°3	†					Sum 665	9°2	Sum 0°0

DAY	ELECTRICITY	Circumstances accompanying the exhibition of Electricity	GENERAL REMARKS
SUN.	Positive and tension weak at each ex- amination.	} See General Remarks.	The sky was overcast with cirrostratus and scud till 9h. p.m. From this time till 11h. p.m. the clouds were extensively broken, but it became overcast again before midnight. Snow and sleet were falling at about 7h. 40m. p.m.
MON.	Positive and tension very weak till 5h. a.m. Positive and tension moderate from 5h. p.m. till 10h. p.m.	} See General Remarks.	The sky was covered with cirrostratus and scud throughout the day, except for a short time at about 10h. p.m., when the clouds were slightly broken. The magnets were greatly disturbed from 5h. p.m. till 11h. p.m.
TUES.	No electricity was shewn till 1h. p.m. From this time till midnight it was positive and moderately strong.	} See General Remarks.	The sky was overcast with cirrostratus and scud throughout the day.
WED.	Positive throughout the day. The ten- sion was very weak from 6h. a.m. till 5h. a.m. Moderately active from that time till 7h. p.m., and very strong from 9h. p.m. till midnight	} See General Remarks.	Overcast with cirrostratus and scud till 5h. p.m.; from this time till 6h. p.m. one-half of the sky was covered with cirrostratus and fleecy clouds. At 7h. p.m. it became cloudless, and remained generally so till 11h. 40m. p.m., when clouds came up from the south, and soon covered the sky.
THURS.	Nothing was shewn till 5h. a.m. Pos- itive and tension strong throughout the remainder of the day.	} See General Remarks.	Overcast with cirrostratus and scud throughout the day. Slight rain was falling occasionally during the afternoon.
FRI.	Positive and tension moderate throughout the day. The maximum took place at 1h. a.m.	} See General Remarks.	Overcast with cirrostratus and scud throughout the day. Slight misty rain was falling at intervals during the early part of the morning.
SAT.	Positive and tension very weak till 5h. a.m. Moderately active throughout the re- mainder of the day. The maximum took place at 5h. 20m. p.m.	} See General Remarks.	Overcast throughout the day. Slight rain was falling shortly before midnight.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The amount of clouds is estimated by considering a clear sky to be represented by 0, a cloudy sky by 10; and when partially cloudy by estimating the number of tenths of the whole sky covered with cloud. The observations are taken every two hours, day and night.

The readings of the two self-registering thermometers, the one placed in the full rays of the sun, and the other placed on grass fully exposed to the sky, are taken every morning at 9 A.M., and therefore exhibit the highest and lowest readings respectively, that have occurred in the previous 24 hours. They are, however, placed here opposite to the civil day which precedes that on which the thermometers are read.

Whewell's anemometer (from the indications of which the estimation of horizontal movement is made) is read at 10 A.M., and the result given is for the 24 hours preceding. It is placed here opposite to the civil day, which precedes that on which the anemometer is read.

The average temperature for 25 years is furnished by Mr. Henry, Assistant at the Royal Observatory, from the observations made at his residence in the neighbourhood of Greenwich Park.

\* In reading the 16th column, it will be borne in mind that + is read "higher," and — "lower," than the average.

The temperature of the water of the Thames is ascertained by the use of a self-registering thermometer, suspended from the side of the Dreadnough Hospital Ship, at the depth of about 2 feet below the surface. The readings of this instrument are registered under the superintendence of Lieutenant Sanders, R.N. Superintendent of the Dreadnought. The mean reading of a thermometer placed on the mainmast, and read each day at 6h. 30m. A.M., was 36.1; and the mean reading at 7h. 30m. P.M., was 38.9; the mean readings at the Royal Observatory for the same times were 35.5 and 38.3 respectively.

† The mean direction of the wind for the week is N.N.E.

The barometer has been unusually high throughout the week. The maximum (30.407) occurred on March 3rd at noon.

# A TABLE OF

## Births and Deaths registered in London,

*During the Week ending Saturday, March 13th, 1847.*

ANNUAL SERIES VIII.]

PUBLISHED BY AUTHORITY OF THE REGISTRAR GENERAL.

[No. 11.]

Causes of Death	Age			Total	Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population 5 Winters	Causes of Death.	Age			Total	Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population 5 Winters
	0 to 15	15 to 60	60 and upwards				0 to 15	15 to 60	60 and upwards		
ALL CAUSES.....	411	344	271	1026	1068	IV.—Laryngitis .....	8	3	..	11	4
SPECIFIED CAUSES .....	410	343	271	1024	1061	Quinsey .....	..	..	..	..	1
I.—Zymotic (or Epidemic, Endemic, and Contagious) Diseases.....	94	25	9	128	183	Bronchitis .....	28	24	51	103	39
SPORADIC DISEASES—						Pleurisy .....	2	..	1	3	2
II.—Dropsy, Cancer, and other Diseases of uncertain or variable Seat .....	65	16	24	105	112	Pneumonia .....	48	14	3	65	98
III.—Diseases of the Brain, Spinal Marrow, Nerves and Senses ..	98	42	38	178	170	Hydrothorax .....	..	3	3	6	7
IV.—Diseases of the Lungs, and of the other Organs of Respiration ..	106	170	92	368	354	Asthma .....	..	11	16	27	40
V.—Diseases of the Heart and Blood-vessels .....	3	26	19	48	32	Phthisis (or Consump- tion) .....	15	107	8	130	147
VI.—Diseases of the Stomach, Liver, and other Organs of Digestion ..	36	27	13	76	70	Disease of Lungs, &c. ....	5	8	10	23	19
VII.—Diseases of the Kidneys, &c. ....	2	5	4	11	8	V.—Pericarditis.....	..	1	1	2	2
III.—Childbirth, Diseases of the Uterus, &c. ....	..	11	1	12	12	Aneurism .....	..	1	1	2	1
IX.—Rheumatism, Diseases of the Bones, Joints, &c. ....	2	11	3	16	7	Disease of Heart, &c. ....	3	24	17	44	30
X.—Diseases of the Skin, Cellular Tissue, &c. ....	..	..	..	..	2	VI.—Teething.....	12	..	..	12	16
XI.—Old Age .....	..	..	64	64	81	Gastritis .....	..	1	..	1	14
XII.—Violence, Privation, Cold and Intemperance .....	4	10	4	18	30	Enteritis .....	4	3	..	7	7
I.—Small Pox .....	6	1	..	7	17	Peritonitis .....	..	5	..	5	2
Measles .....	5	..	..	5	28	Tabes Mesenterica.....	16	1	..	17	8
Scarlatina .....	18	..	..	18	26	Worms .....	..	..	..	..	6
Whooping Cough .....	34	..	..	34	47	Ascites .....	..	2	1	3	1
Croup .....	5	..	..	5	9	Ulceration (of Intestines, &c.).....	..	1	1	2	2
Thrush .....	1	..	..	1	3	Hernia .....	..	1	2	3	3
Diarrhoea .....	3	2	5	10	7	Colic or Ileus .....	1	..	1	2	3
Dysentery .....	..	1	..	1	2	Intussusception .....	..	..	..	..	4
Cholera .....	..	..	..	..	3	Stricture (of the Intestinal Canal) .....	..	..	1	1	5
Influenza .....	..	..	..	..	4	Hæmatemesis .....	..	..	1	1	8
Ague .....	..	..	..	..	4	Disease of Stomach, &c. ....	1	1	..	2	5
Remittent Fever.....	..	..	..	..	6	Disease of Pancreas .....	..	..	..	..	2
Typhus .....	14	16	2	32	32	Hepatitis .....	..	5	..	5	2
Erysipelas .....	4	4	1	9	6	Jaundice .....	2	..	2	4	2
Syphilis .....	4	1	1	6	1	Disease of Liver, &c. ....	..	6	4	10	10
Hydrophobia .....	..	..	..	..	1	Disease of Spleen.....	..	1	..	1	2
II.—Hæmorrhage .....	2	..	3	5	2	VII.—Nephritis.....	..	..	..	..	5
Dropsy .....	..	3	7	10	32	Ischuria .....	..	..	..	..	7
Abscess .....	..	..	..	..	2	Diabetes .....	..	..	..	..	6
Noma .....	..	..	..	..	2	Cystitis .....	..	1	..	1	4
Mortification .....	..	1	4	5	4	Stone .....	1	..	1	2	4
Purpura .....	1	1	..	2	3	Stricture (of the Urethra) ..	..	..	..	..	9
Scrofula .....	4	1	..	5	3	Disease of Kidneys, &c. ..	1	4	3	8	5
Cancer .....	2	4	4	10	12	VIII.—Childbirth .....	..	9	..	9	8
Tumour .....	..	..	..	..	1	Paramenia .....	..	..	..	..	2
Gout .....	..	..	2	2	1	Ovarian Dropsy .....	..	1	1	2	8
Atrophy .....	19	..	2	21	12	Disease of Uterus, &c. ....	..	1	..	1	2
Debility .....	29	..	..	29	23	IX.—Arthritis .....	..	..	..	..	1
Malformations .....	6	..	..	6	2	Rheumatism .....	1	4	3	8	3
Sudden Deaths (including Coroners' Inquests, in which it is not shewn from what diseases or causes the persons died.)	2	6	2	10	16	Disease of Joints, &c. ....	1	7	..	8	4
III.—Cephalitis .....	5	3	2	10	13	X.—Carbuncle .....	..	..	..	..	1
Hydrocephalus .....	45	..	..	45	37	Phlegmon .....	..	..	..	..	2
Apoplexy .....	4	12	17	33	24	Ulcer .....	..	..	..	..	8
Paralysis .....	..	7	13	20	22	Fistula .....	..	..	..	..	4
Convulsions.....	38	..	..	38	54	Disease of Skin, &c.....	..	..	..	..	6
Tetanus .....	..	..	..	..	5	XI.—Old Age .....	..	..	64	64	81
Chorea .....	..	..	..	..	1	XII.—Intemperance .....	..	1	..	1	9
Epilepsy .....	1	10	3	14	5	Privation .....	..	1	..	1	7
Insanity .....	..	3	..	3	1	Violent Deaths .....	4	8	4	16	28
Delirium Tremens.....	..	2	..	2	2	Causes not Specified.....	1	1	..	2	6
Disease of Brain, &c. ....	5	5	3	13	12						

Weekly Average derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population		Deaths registered in the Week		Births registered in the Week	
Males .....	542	Males .....	503	Males .....	740
Females .....	526	Females .....	523	Females .....	695
Total .....	1068	Total .....	1026	Total .....	1435
Deaths registered in this the eleventh week of the first quarter, and in each of the corresponding weeks of the same quarter of the seven preceding years:—					
(1840)	(1841)	(1842)	(1843)	(1844)	(1845)
961	1007	810	1010	989*	1069
Deaths in the districts added in 1847.....					
6					
(average of the series of weeks, exclusive of the last) 964					
1026					

NOTE.—The above return contains births and deaths which occurred in the sub-district of Hampstead; and in the sub-districts of Plumstead and Charlton, Lee, Lewisham, Eltham, and Sydenham, added at the commencement of this year for the first time. The increase which arises from these additional returns amounts, for the present week, to 19 births and 6 deaths.

\* The mortality of Wandsworth and Clapham was added to the Weekly Returns for London in 1844. In this comparison, a correction is made for this District, in the corresponding weeks of the four preceding years.

DISTRICTS OF LONDON, Comprising 135 Registrar Districts.		Area in square Miles	Population Enu- merated in 1841	Weekly Average derived from Deaths of 1842-6, and corrected for increase of Population	DEATHS registered in the Week	BIRTHS registered in the Week
				5 Winters		
WEST DISTRICTS	{ Kensington; Chelsea; St. George, Hanover-square; Westminster; St. Martin } in the Fields; St. James	17.2	301,326	158	151	208
NORTH DISTRICTS	{ St. Marylebone; St. Pancras; Islington; Hackney; part of Edmonton, viz. Hampstead	20.5	376,396	203	204	268
CENTRAL DISTRICTS	{ St. Giles and St. George; Strand; Holborn; Clerkenwell; St. Luke; East } London; West London; City of London	2.8	374,759	198	176	238
EAST DISTRICTS	{ Shoreditch; Bethnal Green; Whitechapel; St. George in the East; Stepney; } Poplar	8.8	393,247	222	236	324
SOUTH DISTRICTS	{ St. Saviour; St. Olave; Bermondsey; St. George, Southwark; Newington; Lambeth; } Wandsworth and Clapham; Camberwell; Rotherhithe; Greenwich; Lewisham	66.2	502,483	287	259	397
TOTALS		115.5	1,948,211	1068	1026	1435

Births and Deaths not caused by Violence, registered in the Metropolis in the last 13 weeks, with the Mean Temperature for the same periods.

	10th Dec.	26th Dec.	*2nd Jan.	9th Jan.	16th Jan.	23rd Jan.	30th Jan.	6th Feb.	13th Feb.	20th Feb.	27th Feb.	6th Mar.	13th Mar.
BIRTHS	1311	1192	1650	1347	1457	1334	1525	1326	1364	1389	1478	1390	1435
DEATHS (except from Violence)	1223	1228	1429	1369	1261	1211	1129	1083	1131	1225	1022	974	1010
Deaths (except from Violence) at 60 yrs. & upwards	327	375	429	391	368	320	337	291	322	341	274	249	267
Bronchitis	147	154	163	168	152	172	159	111	127	134	112	86	103
Pneumonia	144	146	133	136	128	118	126	114	116	125	83	97	65
Asthma	60	53	71	88	56	67	44	36	50	61	31	29	27
Mean Temperature	29.9	36.3	29.0	37.3	32.2	32.6	41.7	34.8	25.6	45.7	35.8	37.9	35.7

\* The DISTRICT of Lewisham and Sub-district of Hampstead were added to "London" in the week ending 2nd January; the Births and Deaths therefore are not contained in the previous weeks.

## EXTRACTS FROM THE METROPOLITAN RETURNS OF THE PREVIOUS WEEK, No. 10.

(The tabular abstract on the first page is for the week ending Saturday, Mar. 13th. The following selection of cases is made from the returns for the week ending March 6th.)

NOTE.—M. or F. at the beginning of an entry indicates sex; the numerals which follow, mark the age at death, in years, except when otherwise stated. The italics at the end of an entry shew the duration of illness; and when the place is supplied by an asterisk (\*), the Coroner, Medical Practitioner, or other Informant, has not been able to ascertain, or has omitted to state the time in which the person has been subject to the disease or injury which has proved fatal. It should invariably be stated that duration of illness could not be ascertained, when this is the case.

### RETURNS OF VIOLENT DEATHS, MADE CHIEFLY BY CORONER:

NOTE.—The cases of violence not returned by the Coroner, have the words "no inquest."

Fractures and Contusions:—	duration	Fractures and Contusions (continued):—	duration	Burns and Scalds:—	
In St. George's Hospital, painter and glazier, 36 (post mort.), secondary abscess in the left elbow and thigh-joint—fell from a board supported by a ladder when cleaning a skylight, at 74 Eaton-square	68 days	In St. Bartholomew's Hospital, son of a surgeon, 7, fracture of the skull and laceration of the brain from the kick of a horse, furiously driven in New Gloucester-street, Hoxton	14 hours.	In St. George's Hospital, daughter of a labourer, 6, burn on the body and extremities—clothes took fire when left in the room of her aunt, 7, Avery Farm-row, Ebury-square, with a fire without fender or guard	about 5 hours.
In St. George's Hospital, labourer, 36, (post mort.) secondary deposits in the lungs, following compound fracture of the left leg, which was struck by a piece of timber which fell into the sewer in South Audley-street, where deceased was at work	38 days	In Guy's Hospital, labourer, 46, fracture of his right leg, caused by its being jammed between a cart-wheel and a post (at Cherry Garden Stairs, Rotherhithe)	14 days	In St. Bartholomew's Hospital, F., servant, 72, burnt by her clothes taking fire whilst alone in her apartment, at Clifton-street, Hoxton	3 days
In St. George's Hospital, plumber and glazier, 36, concussion—fracture of the jaw and sternum—fell from the top of his house, No. 22, Palace-street, Pimlico, when examining the gutter	2 hours	In Guy's Hospital, spinster, 65, fracture of her skull from being thrown down by a gig-horse, whilst crossing Cold Harbour-lane, Camberwell	7 days	In St. Bartholomew's Hospital, daughter of a smith, 10, burnt by her pinafore taking fire, whilst taking a kettle off the fire, at Gray's Inn-lane	12 days
In St. Bartholomew's Hospital, clerk to a builder, 34, compound fracture of his left leg, caused by slipping down in the snow at Islington-green	12 days	In St. Thomas' Hospital, clerk and policeman on the Brighton Railway, 41, injuries to his face, and fracture of his right leg, being run against by a railway train at St. Paul's Nest, on the Brighton railway	9 hours	In St. Bartholomew's Hospital, daughter of a labourer, 9, burnt by her clothes taking fire whilst at play, at Fox and Knot-court, Snow-hill	4 hours
amputation of leg	18 hours	Wounds:—		In St. Bartholomew's Hospital, daughter of a tobacco-pipe-maker, 5 months, burnt whilst in bed by the bed furniture taking fire, at Old-street	10 days
In St. Thomas's Hospital, carpenter, 63, mortification of the stump of his left leg, after amputation in consequence of a fracture caused by falling from a scaffold at Westminster-bridge	2 months	In St. George's Hospital, milkman, 32 (post mort.), tetanus following wound of the left eye, caused accidentally by the lash of a whip, when riding in a cart near Hendon	10 days	In St. Thomas' Hospital, son of a printer, 7, burnt by his pinafore taking fire as he was filling a kettle with water, at Park-place, Lock's-fields	21 hours
In Guy's Hospital labourer, 20 (post mort.), fracture of the skull, caused by falling into the hold of a steam-vessel near St. Katherine's wharf	5 hours	In Middlesex Hospital, M. 24 (no inquest), erysipelas of the face, supervening upon a cut in the face	12 days	In St. Thomas' Hospital, son of a smith, 4, burnt by his pinafore taking fire, whilst standing by the fire, at Joiner-street, Westminster-road	4 hours
F. 76 (no inq.), { accelerated by a fall down stairs	19 days	Root-closer, about 33, cutting his throat with a razor, in temporary insanity	a few min.	In Guy's Hospital, wife of a carpenter, 66, burnt by her clothes taking fire whilst alone, at Charles-street, Horselydown, but no evidence of the cause	1 day
F. 67, injury of the head from striking it, by falling against a bed-post accidentally	2 hours	In St. Bartholomew's Hospital, watch-manufacturer, 48, cutting his throat with a table knife, at Liverpool-road, Islington, (in temporary insanity)	3 days	In Guy's Hospital, assistant to the fireman of an iron foundry, 33, scalded by the oversetting of a ladle of hot melted iron, in an iron-foundry at Upper Ground-street	10 days
Wife of a tailor, 52, concussion of the brain from falling down stairs accidentally	5 days	M. 48, suicide—cut his throat with a razor—being of unsound mind	*	In Guy's Hospital, son of a labourer, 2, scalded by the upsetting of a cup of tea, at Phoenix-place, Bermondsey-street	6 days
In St. George's Hospital, labourer, 58 (post mort.), secondary abscess in the left lung—compound comminuted fracture of left leg—fell when getting out of a waggon drawn by two horses, in the Bath-road—leg crushed by the wheel	33 days	Drowning:—		Poison:—	
In Charing Cross Hospital, silver polisher, about 63, delirium tremens, following fracture of the right leg—accidentally pushed down by a woman who was running across the road in Great Queen-street, Long Acre, and ran over when on the ground by a hackney cabriolet	7 days	Dealer in clothes, 34, found drowned in the River Thames.—No evidence of the cause—(supposed to have been in the water 5 weeks.)		Commercial traveller, 33 (post mort.), drinking great part of four fluid drachms of caustic ammonia mixed with water, administered by a friend to remove the effects of intoxication	6 hours
		M. 10 months, accidentally drowned by falling from a bed into a pail of water.			
		Suffocation:—			
		Son of a cabinet-maker, 6 months, suffocated accidentally in bed.			
		Daughter of a labourer, 16 days, accidental asphyxia, by the mother's breast.			

# THIRTEEN HOSPITALS.—CAUSES OF DEATHS (NOT VIOLENT) AS RETURNED BY THE MEDICAL OFFICERS.

Note.—Deaths in hospitals from fractures, wounds, burns, scalds, poison, are not contained in this list. See Deaths by violence.

St. George's H.:	duration	Middlesex H.:	duration	St. Thomas' H.:(continued)	duration
M. 61, inflammation of the lungs	*	F. 32, hepatitis	4 months	F. 22, { phthisis .....	about 6 months
M. 57 (post mort.), granular degeneration of the kidneys—anasarca—enlarged heart—ulceration and perforation of the duodenum—peritonitis	*	F. 44, bronchitis.	*	chronic laryngitis .....	4 months
		See Violent Deaths.		tracheotomy .....	7 weeks
M. 69 (post mort., inquest), ossification of the coronary artery—found insensible on the footpath in Park-lane, with a slight wound on the eyebrow, supposed from a fall (no evidence how he fell)	2 hours	University College H.:—No Deaths registered.		Guy's H.:	
		Fever H.:—No deaths registered.		M. 50, stricture and extravasation	*
		Small Pox H.:—No deaths registered.		M. 41, bronchitis	14 weeks
		King's College H.:—No Deaths registered.		M. 63, { malignant ulcer of pharynx .....	4 months
		St. Bartholomew's H.:		erysipelas and pneumonia .....	8 days
		F. 73, natural decay and old age	*	M. 19, phthisis	53 months
		F. 42, congestion of the brain	*	F. 27, phthisis	3 months
		M. 30, anasarca with albuminous urine	*	F. 47, primary disease uncertain—acute peritonitis	*
		M. 19, phthisis	*	F. 40, bronchitis and emphysema—ascites—peritonitis	*
		F. 23, anasarca with albuminous urine	*	F. 24, { phthisis .....	3 months
		F. 37, { strangulated umbilical hernia .....	*	pneumothorax of left side .....	5 weeks
		operation .....	*	F. 37, fever	1 week
		F. 54, ascites—disease of mitral valve	*	arachnitis (?) .....	11 weeks
		F. 36, ovarian dropsy	*	F. 61, albuminuria	11 weeks
		F. 38, emphysema with bronchi	4 months	coma .....	3 weeks
		F. 35, disease of the heart	*	M. 15, (post mort.) fever—pleurisy—pericarditis—peritonitis	*
		London H.:		M. 74, bronchitis—emphysema—acute bronchitis	7 weeks
		{ inguinal hernia .....	14 years		
		M. 43, { strangulated hernia .....	7 days		
		gangrene of bowel.	*		
		operation .....	7 days		
		M. 42, (post mort.) scirrhus of the rectum	10 months		
		St. Thomas' H.:			
		M. 72, erysipelas of extremities and general debility	*		
		M. 60, came in with cataract, and subsequently had erysipelas, and disease of the membranes of the brain	*		

## See Violent Deaths.

## See Violent Deaths.

DEATHS BY SMALL POX, TYPHUS, ETC., SYPHILIS, HÆMORRHAGE, MALFORMATION, HERNIA, DIABETES, STONE, CHILDBIRTH, DELIRIUM TREMENS, INTEMPERANCE, PRIVATION, ETC.

Small Pox:—	duration	Remittent Fever:—	duration	Childbirth:—(continued)	duration
M. 4, confluent small pox (never vaccinated).	2 weeks	F. 6, remittent fever with hydrocephalus	3 weeks	F. 18, { childbirth .....	8 days
M. 7, confluent small pox (never vaccinated).	2 weeks	Infantile Fever:—		(p.m.) { puerperal peritonitis .....	5 days
		F. 2, infantile remittent fever	*	F. 22, puerperal convulsions	24 hours
		Syphilis, &c.		Phthisis and Childbirth:—	
		M. 1, syphilis and marasmus	3 months	F. 43, { phthisis pulmonalis .....	4 years
		M. 28, { syphilis .....	3 months	premature labour, causing rupture of	
		typhus .....	3 days	pulmonary vessel of the heart.	
		F. 3 mon. { syphilis .....	1 week	F. 37, { phthisis .....	6 months
		F. 1, syphilitic lepra	3 months	childbirth .....	18 days
		F. 39, secondary venereal disease.	*	Tumor and Childbirth:—	
		Hæmorrhage:—		F. 20, { ovarian tumour .....	about 3 years
		F. 8 days, hæmorrhage from the umbilicus	*	pregnancy—premature delivery.	
		F. 78, epistaxis	17 days	inflammation and mortification of tumour	14 days after delivery
		M. 37, suffocation from rupture of a blood-vessel into the lungs	20 minutes	Delirium Tremens:—	
		Malformation:—		M. 54, delirium tremens	3 weeks
		F. 17 days, (post mort.) malformation and disease of heart.	*	M. 43, { delirium tremens (third attack) .....	1 day
		F. 25, { spinal and chest distortion .....	from birth	M. 60, delirium tremens	28 days
		it increased so as to diminish the capacity for lungs.	*	M. 67, delirium tremens	*
		M. 12 weeks, cyanosis.	*	M. 47, delirium tremens	*
		F. 16 days, malformation of palate—inanition	*	M. 52, delirium tremens	14 days
		F. 2 days, defective structure of the heart	*	M. 73, delirium tremens	6 days
		F. 3 days, spina bifida	*	Hæmatemesis and Delirium Tremens:—	
		Hernia:—		M. 32, { hæmatemesis .....	3 days
		M. 20, { strangulated intestine .....	5 days	delirium tremens .....	2 days
		prostration and secondary fever.	3 days	Intemperance:—No deaths registered from this cause.	
		M. 28, strangulation of intestine—rupture	*	Privation:—No deaths registered from this cause.	
		M. 64, hernia	*	Weaning:—	
		See Returns of London and St. Bartholomew's Hospitals.		M. 1, weaning—atrophia	*
		Diabetes:—		Miscellaneous Causes:—	
		F. 20, { diabetes .....	3 years	M. about { general debility .....	*
		phthisis .....	4 months	10 months { this child was a foundling: a "pledge" left in a box at a pawnbrokers's shop.	
		Stone:—No deaths registered from this cause.		phlegmonous erysipelas .....	6 days
		Childbirth:—The time elapsing from commencement of labour to death should invariably be returned.		F. 14 days { resulting from puerperal fever of the mother.	
		F. 40, { premature labour .....	4 days	convulsions .....	36 hours
		exhaustion.	*	M. 16 days, phlegmonous inflammation on the arm and leg, resulting from puerperal disease in the mother	15 days
		F. 42, puerperal fever, terminating in atrophy	7 weeks		
		F. 17, { childbirth .....	14 days		
		puerperal fever .....	12 days		
		F. 47, exhaustion consequent on many years of ill health, arising from injuries during confinement	*		

## See Guy's Hospital Returns.

In the return for week ending March 6th, deaths were—

(1) Certified by Medical Attendant in	898 cases
(2) Attested by Coroner	60 "
(3) Stated to have had no Medical Attendant	14 "
(4) Not certified	36 "

TOTAL...1008

Deaths under 1st and 2nd heads show a proportion to the total number of 95 per cent. It must be observed, that the term "certified" signifies, that in all cases to which it is applied, a written statement of the cause of death was made by a qualified practitioner. Besides the 14 cases enumerated above, other deaths which had no medical attendance are probably included under the 2nd and 4th heads.

ANALYSIS OF CASES IN WHICH INQUESTS WERE HELD.—From violence, 32; from apoplexy, 2; from ossification of the coronary artery, 1; disease of heart, 1; rupture of pulmonary artery, 1; other specified causes, 11; "found dead," "natural death," "visitation of God," &c., 12.—TOTAL, 60 cases.

THE NUMBER OF CASES IN WHICH IT IS REPORTED THAT A POST MORTEM EXAMINATION WAS MADE, IS 41.

# METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH,

During the Week ending Saturday, 13th March, 1847.

Day.	Phase of the Moon	Mean height of the Barometer, from which this has been corrected and reduced to 32 degrees Fahrenheit.	Readings of Thermometers										Difference between the Dew Point Temperature and Air Temperature			Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 35 years	WIND							Amount of Horizontal Movement of the Air in each day	Mean Amount of Cloud, 6-10	Rain in inches, read at 9 o'clock the next morning
			Dry			Dew Point	In the Water of the Thames at Greenwich, by the self-registering Thermometer, read at 9 o'clock next morning	Mean of 12	Greatest	Least	General Direction		Pressure in lbs. on the square foot													
			Highest from 12 Obs.	Lowest from 12 Obs.	Mean from 12 Obs.	Mean from 12 Rts					Highest	Lowest	A.M.	P.M.	Greatest		Least	Mean of 12 Obs.								
MARCH		in.	°	°	°	°	°	°	°	°	°	°	°	°	N. by W.	N. N. E. and Calm	lbs.	lbs.	lbs	Miles						
SUN.	7						50.5	27.0	38.2	38.2							2.5	0.0	0.1	110	10.0	0.01				
MON.	8	29.988	47.5	35.0	41.6	36.4	67.0	28.8	38.8	38.8	5.2	10.5	0.3	+ 0.5	Calm and N.	N. by W. Calm and W. S. W.	1.3	0.0	0.1	105	9.2	0.00				
TUES.	9	29.898	40.2	29.9	36.6	28.3	55.2	18.5	39.0	39.0	8.3	14.0	3.5	- 3.9	W. by S. and N. by W.	N. and Calm	3.5	0.0	0.7	90	8.4	0.00				
WED.	10	29.888	38.0	23.8	30.2	24.6	53.5	9.0	39.0	38.5	5.6	12.0	2.0	- 11.3	Calm S. W. and N. E.	E. N. E. and Calm	0.1	0.0	0.0	40	6.9	0.01				
THU.	11	30.109	35.2	18.7	27.8	15.0	53.5	18.0	38.5	38.2	12.8	18.2	4.9	- 14.0	Calm and S. S. W.	S. W.	3.5	0.0	0.1	205	2.8	0.01				
FRI.	12	30.003	45.8	32.5	37.8	30.3	66.4	20.5	38.0	38.0	7.5	16.0	1.2	- 4.2	W. S. W. and N. by W.	N. by W. and Calm	3.5	0.0	0.2	120	6.5	0.01				
SAT.	13	30.158	45.8	32.3	39.9	32.5	58.5	24.0	38.5	38.5	7.4	12.8	3.1	- 2.7	W. S. W.	W. S. W.	0.1	0.0	0.0	130	8.8	0.00				
MEANS			30.007	42.1	28.7	35.7	27.9	57.8	20.8	38.6	38.5	7.8	13.9	2.5	- 5.9	†					Sum 800	7.5	Sum 0.04			

DAY	ELECTRICITY	Circumstances accompanying the exhibition of Electricity	GENERAL REMARKS
SUN.	Positive and tension weak at each examination.	See General Remarks.	The sky was overcast throughout the day. The prevailing clouds were cirrostratus and scud. A few drops of rain fell at 9h. 20m. a.m.
MON.	Positive throughout the day. The tension was moderately active from 0h. a.m. till noon; weak from that time till 6h. p.m.; moderately active afterwards from midnight.	See General Remarks.	With the exception of small breaks that occurred at 1h. 30m. p.m., the sky was covered with cirrostratus and scud throughout the day. Thin rain was falling at 1h. 30m. a.m., at 6h. p.m., and at midnight.
TUES.	The electricity shewn during the day was positive and very weak; at frequent examinations nothing was shewn.	See General Remarks.	The sky was generally overcast till 3h. p.m.; from this time till 10h. p.m. nearly one-half was covered with cloud; afterwards the clouds gradually increased, and by midnight it was completely overcast. The prevailing clouds were cirrostratus and scud. Snow was falling slightly at 3h. 30m. p.m., and at midnight.
WED.	No electricity was shewn till 9h. a.m.; it was afterwards positive with moderately strong tension for the remainder of the day.	See General Remarks.	Overcast with cirrostratus and scud till 1h. 30m. p.m. The amount of cloud was afterwards variable until 7h. 30m. p.m., cloudless from this time till midnight. Snow was falling slightly at intervals during the afternoon.
THURS.	Positive and tension weak throughout the day.	See General Remarks.	The sky was nearly cloudless till 9h. a.m.; the amount of cloud was afterwards very variable during the day till 9h. p.m.; overcast from this time till midnight.
FRID.	Strong positive electricity, with frequent sparks, was exhibited from 1h. a.m. till 5h. a.m. And very little was shewn during the remainder of the day.	Snow falling. See General Remarks.	Overcast till 6h. a.m.; the amount of cloud was afterwards small till 9h. a.m., when the sky became cloudless; throughout the remainder of the day till near midnight about one-half was covered; at midnight it was overcast. Snow was falling from 1h. a.m. till 5h. a.m.
SAT.	Positive and tension moderate from 9h. a.m. till noon. Nothing was shewn at any other times.	See General Remarks.	The sky was overcast throughout the day, except at about 3h. a.m. and 7h. a.m.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The amount of clouds is estimated by considering a clear sky to be represented by 0, a cloudy sky by 10; and when partially cloudy by estimating the number of tenths of the whole sky covered with cloud. The observations are taken every two hours, day and night.

The readings of the two self-registering thermometers, the one placed in the full rays of the sun, and the other placed on grass fully exposed to the sky, are taken every morning at 9 A.M., and therefore exhibit the highest and lowest readings respectively, that have occurred in the previous 24 hours. They are, however, placed here opposite to the civil day which precedes that on which the thermometers are read.

Whewell's anemometer (from the indications of which the estimation of horizontal movement is made) is read at 10 A.M., and the result given is for the 24 hours preceding. It is placed here opposite to the civil day, which precedes that on which the anemometer is read.

The average temperature for 25 years is furnished by Mr. Henry, Assistant at the Royal Observatory, from the observations made at his residence in the neighbourhood of Greenwich Park.

\* In reading the 16th column, it will be borne in mind that + is read "higher," and - "lower," than the average.

The temperature of the water of the Thames is ascertained by the use of a self-registering thermometer, suspended from the side of the Dreadnought Hospital Ship, at the depth of about 2 feet below the surface. The readings of this instrument are registered under the superintendence of Lieutenant Sanders, R.N., Superintendent of the Dreadnought. The mean reading of a thermometer placed on the mainmast, and read each day at 6h. 30m. a.m., was 32.5; and the mean reading at 7h. 30m. p.m., was 31.5; the mean readings at the Royal Observatory for the same times were 36.5 and 35.1 respectively.

† The general direction of the wind for the week is N. and S.W.

March 10d. & 11d. were very remarkable for the low temperature of the air: on the former the temperature was 11.3, and on the latter 14° below the daily average. On the morning of the 11th day the reading of the thermometer was 16.9, a remarkably low reading occurring at a time so near the vernal equinox. The hygrometrical state of the air during the 11th day was even more remarkable, on account of its extreme dryness at such low temperatures. At times during this day the temperature of the dew point was 18° below that of the air, the latter being 28.0, and the wet bulb thermometer-reading at the same time being about 24.8. The average temperature of the dew point for the day, as is shown above was 15°, being 12.8 below that of the air. During this day the average elastic force of vapour was only 0.107 in., showing that, if all the vapour then held in solution in a vertical column of the whole atmosphere were precipitated, it would have produced only 1.5 inches of water. The weight of vapour in a cubic foot of air was only 1.3 grains. The degree of humidity was 0.6, that of complete saturation being represented by 1; and the weight of a cubic foot of air in its average state was 571 grains. So far as Mr. Glaisher's experience extends he has never met with a day similar to this one, in respect to the great differences of the temperature of the air, of evaporation, and of the dew point at such low temperatures.

# Births and Deaths registered in London,

During the Week ending Saturday, March 20th, 1847.

ANNUAL SERIES VIII.]

PUBLISHED BY AUTHORITY OF THE REGISTRAR GENERAL.

[No. 12.]

Causes of Death	Age			Total	Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population	5 Winters	Causes of Death.	Age			Total	Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population	5 Winters
	0 to 15	15 to 60	60 and upwards					0 to 15	15 to 60	60 and upwards			
ALL CAUSES.....	430	370	311	*1114	1068		IV.—Laryngitis .....	3	1	1	5	1	
SPECIFIED CAUSES .....	428	368	309	*1108	1061		Quinsey .....	..	1	..	1	1	
I.—Zymotic (or Epidemic, Endemic, and Contagious) Diseases.....	118	19	17	*155	138		Bronchitis .....	21	28	41	90	39	
SPORADIC DISEASES—							Pleurisy .....	..	1	2	3	2	
II.—Dropsy, Cancer, and other Diseases of uncertain or variable Seat .....	58	23	26	107	112		Pneumonia .....	48	20	9	77	98	
III.—Diseases of the Brain, Spinal Marrow, Nerves and Senses ..	98	39	34	171	170		Hydrothorax .....	..	1	4	5	7	
IV.—Diseases of the Lungs, and of the other Organs of Respiration ..	93	197	88	378	354		Asthma .....	..	20	22	42	40	
V.—Diseases of the Heart and Blood-vessels .....	3	22	16	41	32		Phthisis (or Consump- tion) .....	18	118	6	142	147	
VI.—Diseases of the Stomach, Liver, and other Organs of Digestion ..	46	27	17	90	70		Disease of Lungs, &c. ....	3	7	3	13	19	
VII.—Diseases of the Kidneys, &c. ....	1	7	4	12	8		V.—Pericarditis.....	..	2	..	2	2	
VIII.—Childbirth, Diseases of the Uterus, &c. ....	..	17	1	18	12		Aneurism .....	..	1	..	1	1	
IX.—Rheumatism, Diseases of the Bones, Joints, &c. ....	2	6	2	10	7		Disease of Heart, &c. ....	3	19	16	38	30	
X.—Diseases of the Skin, Cellular Tissue, &c. ....	1	1	2	4	2		VI.—Teething.....	17	..	..	11	16	
XI.—Old Age .....	..	..	92	92	81		Gastritis .....	2	1	..	3	14	
XII.—Violence, Privation, Cold and Intemperance .....	8	10	10	*30	30		Enteritis .....	3	2	3	8	2	
I.—Small Pox .....	7	2	..	9	17		Peritonitis .....	1	3	1	5	8	
Measles .....	10	..	..	10	28		Tabes Mesenterica.....	21	..	..	21	6	
Scarlatina .....	13	..	..	13	26		Worms .....	1	..	..	1	1	
Hooping Cough .....	47	..	..	*48	47		Ascites .....	1	..	..	1	1	
Croup .....	9	..	..	9	9		Ulceration (of Intestines, &c.).....	1	5	1	7	2	
Thrush .....	3	..	..	3	3		Hernia .....	..	1	3	4	3	
Diarrhoea.....	6	1	4	11	7		Colic or Ileus.....	..	1	2	3	3	
Dysentery .....	2	2	3	7	2		Intussusception .....	..	1	1	2	4	
Cholera .....	..	..	..	..	3		Stricture (of the Intestinal Canal) .....	..	..	1	1	5	
Influenza .....	1	1	3	5	3		Hæmatemesis.....	..	2	1	3	8	
Ague .....	..	..	..	..	4		Disease of Stomach, &c. ....	4	3	1	8	5	
Remittent Fever.....	2	..	..	2	6		Disease of Pancreas .....	..	..	..	..	2	
Typhus .....	17	11	5	33	32		Hepatitis .....	..	4	1	5	2	
Erysipelas .....	1	2	2	5	6		Jaundice .....	1	1	..	2	2	
Syphilis .....	..	..	..	..	1		Disease of Liver, &c. ....	..	3	2	5	10	
Hydrophobia .....	..	..	..	..	1		Disease of Spleen.....	..	..	..	..	2	
II.—Hæmorrhage .....	..	..	1	1	2		VII.—Nephritis.....	..	..	..	..	5	
Dropsy .....	..	8	7	15	32		Ischuria .....	..	..	..	..	7	
Abscess .....	..	1	..	1	2		Diabetes .....	..	..	..	..	6	
Noma .....	..	..	..	..	2		Cystitis .....	..	..	..	..	4	
Mortification .....	..	..	8	8	4		Stone .....	..	1	..	1	4	
Purpura .....	..	..	..	..	3		Stricture (of the Urethra) ..	..	1	..	1	9	
Scrophula .....	3	2	..	5	3		Disease of Kidneys, &c. ..	1	5	4	10	5	
Cancer .....	1	5	5	11	12		VIII.—Childbirth .....	..	16	..	16	8	
Tumour .....	..	..	..	..	1		Paramenia .....	..	..	..	..	2	
Gout .....	..	1	..	1	1		Ovarian Dropsy .....	..	1	..	1	8	
Atrophy .....	16	1	1	18	12		Disease of Uterus, &c. ....	..	..	1	1	2	
Debility .....	30	3	..	33	23		IX.—Arthritis .....	..	..	..	..	1	
Malformations .....	2	..	..	2	2		Rheumatism .....	2	3	2	7	3	
Sudden Deaths (including Coroners' Inquests, in which it is not shown from what diseases or causes the persons died.)	6	2	4	12	16		Disease of Joints, &c. ....	..	3	..	3	4	
III.—Cephalitis .....	11	2	..	13	12		X.—Carbuncle .....	..	..	1	1	2	
Hydrocephalus .....	34	..	..	34	37		Phlegmon .....	..	1	..	1	2	
Apoplexy .....	1	15	9	25	24		Ulcer .....	..	..	..	..	8	
Paralysis .....	..	7	20	27	22		Fistula.....	..	..	..	..	4	
Convulsions.....	47	1	..	48	54		Disease of Skin, &c.....	1	..	1	2	6	
Tetanus .....	1	..	..	1	5		XI.—Old Age .....	..	..	92	†92	81	
Chorea.....	..	..	..	..	1		XII.—Intemperance .....	..	..	..	..	9	
Epilepsy .....	..	5	1	6	5		Privation .....	1	1	..	2	7	
Insanity .....	..	..	1	1	1		Violent Deaths .....	7	9	10	*28	28	
Delirium Tremens.....	..	2	..	2	2		Causes not Specified.....	2	2	2	6	6	
Disease of Brain, &c. ....	4	7	3	14	12								

5 Winters.

Weekly Average derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population	Males .....	542	Deaths registered in the Week	Males .....	547	Births registered in the Week	Males .....	772
	Females .....	526		Females .....	507		Females .....	745
	Total .....	1068		Total .....	1114		Total .....	1517

Deaths registered in this the twelfth week of the first quarter, and in each of the corresponding weeks of the same quarter of the seven preceding years:—  
 (1840) 896 (1841) 882 (1842) 788 (1843) 1001 (1844) 981 (1845) 1197 (1846) 880 (1847) 1104  
 (average of the series of weeks, exclusive of the last) 946  
 Deaths in the districts added in 1847..... 10

1114

NOTE.—The above return contains births and deaths which occurred in the sub-district of Hampstead; and in the sub-districts of Plumstead and Charlton, Lee, Lewisham, Eltham, and Sydenham, added at the commencement of this year for the first time. The increase which arises from these additional returns amounts, for the present week, to 26 births and 10 deaths.

The mortality of Wandsworth and Clapham was added to the Weekly Returns for London in 1844. In this comparison, a correction is made for this District, in the corresponding weeks of the four preceding years.

\* The age of one person, whose death is ascribed to *hooping cough*, and the ages of two, whose deaths are ascribed to *violence*, are not stated.

† A pensioner is reported to have died in Chelsea Workhouse at the advanced age of 100 years.

DISTRICTS OF LONDON, Comprising 135 Registrars' Districts.		Area in square Miles	Population Eneume- rated in 1841	Weekly Average derived from Deaths of 1842-6, and corrected for Increase of Population	DEATHS registered in the Week	BIRTHS registered in the Week
				5 Winters		
WEST DISTRICTS	{ Kensington; Chelsea; St. George, Hanover-square; Westminster; St. Martin } in the Fields; St. James .....	17.2	301,226	158	155	232
NORTH DISTRICTS	{ St. Marylebone; St. Pancras; Islington; Hackney; part of Edmonton, viz. Hampstead }	20.5	376,396	203	223	290
CENTRAL DISTRICTS	{ St. Giles and St. George; Strand; Holborn; Clerkenwell; St. Luke; East } London; West London; City of London.....	2.8	374,759	198	195	273
EAST DISTRICTS	{ Shoreditch; Bethnal Green; Whitechapel; St. George in the East; Stepney; } Poplar .....	8.8	393,247	222	222	325
SOUTH DISTRICTS	{ St. Saviour; St. Olave; Bermondsey; St. George, Southwark; Newington; Lambeth; } Wandsworth and Clapham; Camberwell; Rotherhithe; Greenwich; Lewisham }	66.2	502,483	287	319	397
TOTALS .....		115.5	1,948,211	1068	1114	1517

Births and Deaths not caused by Violence, registered in the Metropolis in the last 13 weeks, with the Mean Temperature for the same periods.

	26th Dec.	2nd Jan.	9th Jan.	16th Jan.	23rd Jan.	30th Jan.	6th Feb.	13th Feb.	20th Feb.	27th Feb.	6th Mar.	13th Mar.	20th Mar.
BIRTHS.....	1192	1650	1347	1457	1334	1525	1326	1364	1389	1478	1390	1435	1517
DEATHS (except from Violence).....	1228	1429	1369	1261	1211	1129	1083	1131	1225	1022	974	1010	1086
Deaths (except from Violence) at 60 yrs. & upwards	375	429	391	368	320	337	291	322	341	274	249	267	301
Bronchitis .....	154	163	168	152	172	159	111	127	134	112	86	103	90
Pneumonia .....	146	133	136	128	118	126	114	116	125	83	97	65	77
Asthma.....	53	71	88	56	67	44	36	50	61	31	29	27	42
Mean Temperature.....	36.3	29.0	37.3	32.2	32.6	41.7	34.8	25.6	45.7	35.8	37.9	35.7	48.8

\* The District of Lewisham and Sub-district of Hampstead were added to "London" in the week ending 2nd January; the Births and Deaths therefore are not contained in the previous weeks.

## EXTRACTS FROM THE METROPOLITAN RETURNS OF THE PREVIOUS WEEK, No. 11.

(The tabular abstract on the first page is for the week ending Saturday, Mar. 20th. The following selection of cases is made from the returns for the week ending March 13th.)

NOTE.—M. or F. at the beginning of an entry indicates sex; the numerals which follow, mark the age at death, in years, except when otherwise stated. The italics at the end of an entry shew the duration of illness; and when the place is supplied by an asterisk (\*), the Coroner, Medical Practitioner, or other Informant, has not been able to ascertain, or has omitted to state the time in which the person has been subject to the disease or injury which has proved fatal. It should invariably be stated that duration of illness could not be ascertained, when this is the case.

### RETURNS OF VIOLENT DEATHS, MADE CHIEFLY BY CORONER.

NOTE.—The cases of violence not returned by the Coroner, have the words "no inquest."

Fractures and Contusions:—	duration	Fractures and Contusions (continued):—	duration	Burns and Scalds:—	duration
M. 63, natural death, but may have been accelerated by a fall .....	sudden	F. 81, { old age. fracture of the neck of the femur, (no inquest) within the capsule .....	4½ months (It should have been stated how the fracture was caused.)	Daughter of a labourer, 8, injuries accidentally received from being burnt .....	*
Hawker of fish, 67, paralysis from injury to the spinal column, by falling out of a cart at Blackheath, Kent.....	4 days, 12 hours	Wounds:—		M. 5, burns from pinafore catching fire, by standing close to the grate, unguarded.....	1 day
Labourer, 40, accidental death from a blow on the back by a screw-propeller, caused by the breaking of a chain .....	*	Daughter of a mariner, 3, accidental death from a cut throat, the external jugular vein being divided .....	*	F. 2, burns—clothes caught fire in the absence of the mother .....	*
Hosier, 50, injuries to the body by the moving crank of a steam-engine on board the "Starlight" steamboat, in the River Thames, off Richmond Terrace. Fell on the engine, which was insufficiently protected, through the partially open skylight of the engine room, when disengaging himself from his son-in-law, who was endeavouring to pull him from the deck to the cabin, the deceased having been in a state of intoxication (both passengers on board the boat) .....	instant	Drowning:—		F. about 70, mortal injuries from an accidental burn .....	*
		Wife of a labourer, supposed 40 (post mort.), drowned willfully by some person or persons unknown. ....		F. 35, burnt by her clothes taking fire whilst intoxicated, found dead .....	*
		Suffocation:—		Poison:—	
		M. 29 (post mort.), an epileptic fit, causing a fall and congestion of the brain, and suffocation in some night soil.		Assistant to a Chemist, 20, suicide with prussic acid .....	20 min.
				Not known to be insane, though eccentric.	
				M. 28, laudanum—suicide in unsound mind ..	*
				Wife of a blacksmith, 23, suicide with arsenic, being at the time in a temporary state of insanity .....	*

### FOURTEEN HOSPITALS.—CAUSES OF DEATHS (NOT VIOLENT) AS RETURNED BY THE MEDICAL OFFICERS.

NOTE.—Deaths in hospitals from fractures, wounds, burns, scalds, poison, are not contained in this list. See deaths by violence.

St. George's H.:—	duration	St. George's H. continued:—	duration	Middlesex H. continued:—	duration
M. 63, gangrene of legs, and inflammation of the face .....	*	M. 40 (p.m.), renal anasarca—effusion into the cavity of the pleura .....	*	F. 21, { disease of the kidneys.....	*
M. 19, ulceration of the cartilages of the knee and hipjoints.....	*	Westminster H.:—		{ anasarca.	
M. 42 (post mort.), enormous enlargement of the spleen, together with a peculiarly altered condition of the blood .....	*	M. 51, { encephaloid disease of the lungs....	months	{ ulceration of the ilium and large in-	
		{ emphysema.....		testines.	
M. 24, { tubercular accretion of the peri-	*	Charing Cross H.:—No Deaths registered.		F. 55, typhus.....	*
(p.m.) { toneum .....	*	Middlesex H.:—		University College H.:—	
{ tubercular deposition in the lungs ..	*	M. 67, dropsy.....	*	M. 29, hepatic abscess .....	*
F. 12, inflammation in the veins of the leg ..	*	M. 63, bronchitis .....	*	M. 34, bronchitis—diffuse inflammation around	*
F. 33, abscess in the lung.....	*	M. 45, bronchitis .....	*	the lungs and trachea .....	*
		M. 43, pneumonia .....	*	M. 21, hypertrophy and dilated heart .....	*
		F. 48, unknown (no post mort. exam. allowed)		F. 45, { Bright's disease of the kidneys .....	7 days
				{ pneumonia .....	
				F. 28, crystals of head and throat .....	*
				F. 40, syphilitic cachexia .....	*

FOURTEEN HOSPITALS.—CAUSES OF DEATH (NOT VIOLENT) AS RETURNED BY THE MEDICAL OFFICERS (continued):—

University College H. (continued):—

The following cases, which were registered in the week ending 27th Feb., should have been classed as having occurred in this hospital.

M. 36, morbus Brightii—anasarca—ascites—hydrothorax	duration
M. 30, continued fever—laryngitis	*
M. 33, { tumour of orbit	*
{ excision	*
F. 22, continued fever	*

Fever H.:—No deaths registered.

Small Pox H.:—No deaths registered.

King's College H.:—No deaths registered.

St. Bartholomew's H.:—

M. 78, { strangulated inguinal hernia	duration
{ operation—exhaustion	3 days
M. 42, disease of the heart and dropsy	*
M. 31, phthisis and erysipelas	*
M. 14, necrosis of the femur, with extensive abscesses of the thigh	*
F. 20, paralysis	*

London H.:—

F. 40, { strangulated femoral hernia	2 days
{ operation	1½ hours
F. 4, strumous disease of upper jaw, consequent on fever	*

St. Thomas' H.:—

F. 20, { rheumatic pericarditis	18 months
{ diseased kidneys, acute pleurisy	10 days
M. 28, diseased liver and kidneys	*
M. 44 (post mort.), abscess of the hip-joint— hectic fever	*
M. 22, fever	29 days
M. 38, phthisis	1 year

Guy's H.:—

M. 14, { malignant disease of bladder	*
{ oedema of kidney	*
M. 25, { pneumonia—phthisis	4 months
{ ulceration of small intestines	*
{ strumous disease of bronchial glands	*
{ ulceration of large bronchial tube of left lung, and corresponding portion of pulmonary artery	*
F. 30, { sudden hæmoptysis	10 min.

Dreadnought H.:—

M. 46, { bronchitis	3 weeks
{ emphysema of lungs	*
{ contracted aortic orifice	*
M. 20, phthisis	9 months
M. 48, { dropsy	4 days
{ erysipelas and delirium tremens	60 hours
{ slight serous effusion into pleura	*
{ congestion of kidneys; fatty liver	*

Unité H.:—

M. 57 (p.m., inq.), inflammation and mortification of the back of the throat	*
M. 27 (p.m., inq.), inflammation of the lungs and brain	*
M. 51 (inq.) mesenteric disease and consumption	*
M. 33 (inq.), disease of the liver—dropsy and bronchitis	*
M. 73 (inq.), bronchitis	*
M. 20 (inq.), epileptic fits and bronchitis	*
M. 69 (inq.), disease of the bladder and kidneys	*

CONVICTS

DEATHS BY SMALL POX, TYPHUS, ETC., SYPHILIS, HÆMORRHAGE, MALFORMATION, HERNIA, DIABETES, STONE, CHILDBIRTH, DELIRIUM TREMENS, INTEMPERANCE, PRIVATION, ETC.

Small Pox:—

F. 4 mon., variola confluent	duration
	1 week
It should have been stated whether the child had been vaccinated.	
M. 1, { small pox	10 days
{ after previous vaccination	
F. 2 mon., small pox (not vaccinated)	8 days
F. 5 mon., confluent small pox (natural)	10 days
M. 32, { confluent malignant small pox	8 days
{ vaccination performed within 14 days of death	
M. 2, natural small pox	1 week

Varicella:—

M. 1 mon., varicella	*
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Typhus, &c.:—

M. 4, fever	*
M. 7, typhus fever	1 month
F. 29, typhus fever	3 weeks
M. 5, fever	3 weeks
F. about 50 (inquest), typhus fever	18 days
F. 13, fever with affection of the head	11 days
M. 59, irritative fever	*
M. 4, { low fever	4 days
{ cerebral disease	2 days
M. 50, typhus	*
M. 75, typhus	*
M. 37, fever and pneumonia	6 days
M. 34, fever—continued hiccup—pericarditis—pneumonia	7 days
F. 26, typhus fever	3 weeks
M. 9, synochus	19 days
M. 1, fever	14 days
F. 27, { congestive fever	*
{ effusion on the brain	4 days
M. 47, typhus fever	12 days
M. 27, febris	2 weeks
M. 28, fever	*
M. 3 mon., fever—marasmus	*
F. 13, fever	4 weeks
M. 10, typhus fever	20 days
F. 31, jaundice—typhus fever	*
M. 1, dentition—fever and convulsions—hydrocephalus	14 days
M. 68, fever	*
M. 40 (inquest), natural death—congestion of the lungs from low fever	*
M. 28 (inquest), natural death—congestion of the brain from low fever	*
M. 8 (post mort.), gastric fever	15 days
M. 6, typhus fever	*

See Hospital Returns.

Syphilis, &c.:—

M. 2 mon., syphilis	duration
	from birth
F. 3 mon., { syphilitic taint	from birth
{ convulsions	*
M. 26 days, syphilis	from birth
M. 5 weeks, { syphilis	from birth
{ convulsions	1 day
M. 63, syphilis—decay	*

See Return of University College Hospital

Hæmorrhage:—

F. 4 days (post mort.), internal hæmorrhage into the cavity of the abdomen	*
F. 70, epistaxis (some days without advice)	*
F. 1 (inquest), natural death from hæmorrhage, sudden	*
M. 62, (inquest) natural death—rupture of a vessel internally	sudden
M. 73 (inquest), natural death from the giving way of a vessel of the thorax	*

Other cases of hæmorrhage are included under apoplexy, &c.

Malformation:—

F. 4 days, { anus imperforatus	42 hours
{ operation	
M. 24 hours, congenital malformation of the heart	*
M. 8 mon., spina bifida	*
F. 10 hours, imperfect heart	*
F. 9 days, cyanosis	from birth
M. 5 weeks, malformation (no medical attendant)	*

Hernia:—

F. 83, { strangulated femoral hernia	3 weeks
{ would not submit to an operation	

See Returns of St. Bartholomew's and London Hospitals.

Diabetes:—No deaths registered from this cause.

Stone:—

M. 2 (post mort.), stone in the bladder, and disease of the kidneys	*
M. 87, { enlarged prostate	*
{ hypertrophied bladder containing three calculi	— years
(p.m.) { retention of urine	2 weeks

Scrofula and Stone:—

M. 3, { scrofula	*
{ renal calculus	1 year
(p.m.) { phthisis	*

Childbirth:—The time elapsing from commencement of labour to death should invariably be returned.

F. 33, { parturition	13 days
{ apoplexy	5 days
F. 21, { confinement	4 days
{ puerperal fever	2 days
F. 21, { puerperal peritonitis	4 months
{ ascites	15 days
F. 23, { childbirth	4 days
{ hysteritis	4 days
F. 26, puerperal fever	*
F. 22, puerperal fever	2 days
F. 24, { difficult parturition	*
{ puerperal peritonitis	3 days
F. 20, puerperal fever	6 days
F. 22, parturition—diarrhea	14 days

Disease of Heart and Childbirth:—

F. 28, { morbus cordis	2 months
{ delivery	4 days

Phthisis and Childbirth:—

F. 41, { phthisis	18 months
{ delivery of a still-born child	40 hours

Delirium Tremens:—

M. 47, delirium cum tremore	*
M. 40, delirium tremens	*

Intemperance:—

F. 59, (inquest) natural death from apoplexy, accelerated by excessive drink	*
--	---

Privation:—

In the district of Mile-end, Old Town (Lower) widow of a plumber, 51, (inquest) natural death, accelerated by want and privation.

Want of Breastmilk:—

M. 6 weeks, (inquest) natural death—debility from want of sufficient breastmilk	*
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Miscellaneous Causes:—

F. 38, { ovarian dropsy	18 years
{ anasarca and ascites	5 months
F. 64, { ovarian dropsy	10 years
{ gangrene of right foot	2 months
{ strumous caries of the parietal bone	9 months
F. 1, { serous effusion into the arachnoid, and ventricles of the brain	7 days
{ organic contraction of intestines	many months
{ bronchitis	3 weeks
F. 63, { subacute peritonitis	a few days
{ kidneys very congested—intestines organically diseased by contraction at various parts of small intestines—peritonitis principally affecting liver (abdomen only opened)	*
(p.m.) { gastritis	2 days
{ cirrhosis	*

In the return for week ending March 13th, causes of deaths were—

(1) Certified by written statement of Medical Attendant in	899 cases.
(2) Attested by Coroner, or stated by him to be not ascertainable, in	74 "
(3) Stated to have had no Medical Attendant in	14 "
(4) Not certified in	39 "

TOTAL...1026

Deaths under 1st and 2nd heads show a proportion to the total number of nearly 95 per cent.

ANALYSIS OF CASES IN WHICH INQUESTS WERE HELD—Violence, 15; Apoplexy, 10; disease of heart, 7; intemperance, 1; privation, 1; want of breast-milk, 1; specified causes, 30; "natural death," "visitation of God," "found dead," &c., 9.—TOTAL, 74.

THE NUMBER OF CASES in which it is reported that a POST MORTEM EXAMINATION was held, is 38.

# METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH,

During the Week ending Saturday, 20th March, 1847.

Day.	Phase of the Moon	Mean height of the Barometer, from 12 Observations, to (corrected to 32°-degrees Fahrenheit.)	Readings of Thermometers										Difference between the Dew Point Temperature and Air Temperature			WIND										Mean Amount of Cloud, 0-10.	Rain in inches, read at 9 o'clock the next morning																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
			Dry			Dew Point	In the Water of the Thames at Greenwich, by the self-registering Thermometer, read at 9 o'clock next morning	Lowest on the grass, as shown by a self-registering Thermometer	Highest	Lowest	Mean of 12	Greatest	Least	General Direction		Pressure in lbs. on the square foot		Amount of Horizontal Movement of the Air in each day																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
			Highest from 12 Obs.	Lowest from 12 Obs.	Mean from 12 Obs.	Mean from 12								A.M.	P.M.	Greatest	Least		Mean of 12 Obs.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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MARCH		in.	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°

DAY	ELECTRICITY	Circumstances accompanying the exhibition of Electricity	GENERAL REMARKS
SUN.	Positive at each examination.	See General Remarks.	The sky was cloudless till 9h. 30m. a.m.; and from this time till 9h. p.m. it was mostly covered with thin cirrostratus clouds; cloudless afterwards till midnight.
MON.	Positive with tension moderately strong; the max. occurring at 6h. a.m.	See General Remarks.	With the exception of some light cirrus clouds that prevailed at 2h. p.m., the sky was cloudless throughout the day.
TUES.	Positive with tension moderately strong; the max. occurring at about 10h. a.m.	See General Remarks.	The sky was cloudless till noon; from that time till 7h. 30m. p.m., light cirrostratus clouds were prevalent; cloudless afterwards till midnight.
WED.	Positive with tension moderately strong; the max. occurring at about 10h. p.m.	See General Remarks.	The sky was cloudless throughout the day, except between 5h. a.m. and 7h. a.m., when some light cirrostratus clouds prevailed.
THURS.	Positive with tension moderately strong; the max. occurring about noon.	See General Remarks.	The sky was cloudless throughout the day.
FRI.	Positive with tension moderately strong; the max. occurring about 10h. a.m.	See General Remarks.	The sky was cloudless till 7h. p.m.; from that time till midnight it was partially covered with cirrostratus: these were the first clouds to any amount since 17d. 7h. a.m. An aurora of more than ordinary brilliancy was visible this evening. It consisted generally of an arch of about 2° in breadth, and of intense brilliancy and distinctness, which passed in an oblique direction through the constellation Orion. In the early part of the evening it extended from α Orionis to a point between Castor and Pollux, but it afterwards appeared to move towards the south, passing through the belt of Orion and through Pollux. Near 11h. it exhibited streamers which seemed to point towards the Polar star. Its colour was a silvery white. The magnets were greatly disturbed during the whole of the evening.
SAT.	No electricity was shown till 7h. 20m. a.m.; after which time it became positive with moderately strong tension, and continued so till 5h. 20m. p.m. Positive and weak afterwards till midnight.	See General Remarks.	The sky was overcast till noon; from that time till midnight about three-fourths were covered with cirrostratus, cumulostratus, and scud. The magnets were disturbed at midnight.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The amount of clouds is estimated by considering a clear sky to be represented by 0, a cloudy sky by 10 and when partially cloudy by estimating the number of tenths of the whole sky covered with cloud. The observations are taken every two hours, day and night.

The readings of the two self-registering thermometers, the one placed in the full rays of the sun, and the other placed on grass fully exposed to the sky, are taken every morning at 9 A.M., and therefore exhibit the highest and lowest readings respectively, that have occurred in the previous 24 hours. They are, however, placed here opposite to the civil day which precedes that on which the thermometers are read.

Whewell's anemometer (from the indications of which the estimation of horizontal movement is made) is read at 10 A.M., and the result given is for the 24 hours preceding. It is placed here opposite to the civil day, which precedes that on which the anemometer is read.

The average temperature for 25 years is furnished by Mr. Henry, Assistant at the Royal Observatory, from the observations made at his residence in the neighbourhood of Greenwich Park.

\* In reading the 16th column, it will be borne in mind that + is read "higher," and — "lower," than the average.

The temperature of the water of the Thames is ascertained by the use of a self-registering thermometer, suspended from the side of the Dreadnought Hospital Ship, at the depth of about 2 feet below the surface. The readings of this instrument are registered under the superintendence of Lieutenant Sanders, R.N., Superintendent of the Dreadnought. The mean reading of a thermometer placed on the mainmast, and read each day at 6h. 30m. A.M., was 41°8; and the mean reading at 7h. 30m. P.M., was 49°6; the mean readings at the Royal Observatory for the same times were 41°3 and 48°5 respectively.

† The general direction of the wind for the week is S.S.W.

# A TABLE OF Births and Deaths registered in London, During the Week ending Saturday, March 27th, 1847.

ANNUAL SERIES VIII.]

PUBLISHED BY AUTHORITY OF THE REGISTRAR GENERAL.

[No. 13]

Causes of Death	Age			Total	Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population	5 Winters	Causes of Death.	Age			Total	Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population	5 Winters
	0 to 15	15 to 60	60 and upwards					0 to 15	15 to 60	60 and upwards			
ALL CAUSES.....	408	374	247	1029	1068		IV.—Laryngitis .....	8	..	..	8	1	
SPECIAL CAUSES.....	407	373	247	1027	1061		Quinsey .....	1	1	..	2	1	
I.—Zymotic (or Epidemic, Endemic, and Contagious) Diseases.....	80	25	16	121	183		Bronchitis .....	26	25	33	84	39	
SPORADIC DISEASES—							Pleurisy .....	1	3	1	5	2	
II.—Dropsy, Cancer, and other Diseases of uncertain or variable Seat .....	59	31	13	103	112		Pneumonia .....	46	18	8	72	98	
III.—Diseases of the Brain, Spinal Marrow, Nerves and Senses ..	103	37	31	171	170		Hydrothorax .....	..	3	2	5	7	
IV.—Diseases of the Lungs, and of the other Organs of Respiration ..	97	179	70	346	354		Asthma .....	..	9	14	23	40	
V.—Diseases of the Heart and Blood-vessels .....	1	17	19	37	32		Phthisis (or Consump- tion) .....	12	113	4	129	147	
VI.—Diseases of the Stomach, Liver, and other Organs of Digestion ..	40	21	23	84	70		Disease of Lungs, &c. ....	3	7	8	18	19	
VII.—Diseases of the Kidneys, &c. ....	1	5	6	12	8		V.—Pericarditis.....	..	1	..	1	2	
III.—Childbirth, Diseases of the Uterus, &c. ....	2	21	1	24	12		Aneurism .....	..	1	..	1	1	
IX.—Rheumatism, Diseases of the Bones, Joints, &c. ....	1	5	1	7	7		Disease of Heart, &c. ....	1	15	19	35	30	
X.—Diseases of the Skin, Cellular Tissue, &c. ....	..	..	..	..	2		VI.—Teething.....	9	..	..	9	16	
XI.—Old Age.....	..	..	57	57	81		Gastritis.....	1	..	..	1	14	
XII.—Violence, Privation, Cold and Intemperance .....	23	32	10	65	30		Enteritis .....	6	1	..	7	2	
I.—Small Pox .....	4	4	..	8	17		Peritonitis .....	..	7	1	8	8	
Measles .....	3	..	..	3	28		Tabes Mesenterica.....	14	..	..	14	6	
Scarlatina .....	11	..	..	11	26		Worms .....	1	..	..	1	1	
Whooping Cough .....	32	..	..	32	47		Ascites .....	1	..	3	4	1	
Croup .....	3	..	..	3	9		Ulceration (of Intestines, &c.) .....	2	..	1	3	2	
Thrush .....	..	..	..	..	3		Hernia .....	..	..	3	3	3	
Diarrhoea.....	9	..	5	14	7		Colic or Ileus .....	..	2	1	3	3	
Dysentery .....	..	1	..	1	2		Intussusception .....	..	1	..	1	4	
Cholera .....	..	..	..	..	3		Stricture (of the Intestinal Canal) .....	..	..	..	..	5	
Influenza .....	..	1	1	2	3		Hæmatemesis.....	..	..	..	..	8	
Ague .....	..	..	..	..	4		Disease of Stomach, &c. ....	3	1	3	7	5	
Remittent Fever.....	1	..	..	1	6		Disease of Pancreas .....	..	..	..	..	2	
Typhus .....	10	17	7	34	32		Hepatitis .....	..	..	2	2	2	
Erysipelas .....	6	2	3	11	6		Jaundice .....	3	..	2	5	2	
Syphilis .....	1	..	..	1	1		Disease of Liver, &c. ....	..	9	7	16	10	
Hydrophobia .....	..	..	..	..	1		Disease of Spleen.....	..	..	..	..	2	
II.—Hæmorrhage .....	1	1	2	4	2		VII.—Nephritis.....	..	1	..	1	5	
Dropsy .....	3	11	3	17	32		Ischuria .....	..	..	..	..	7	
Abscess .....	2	..	..	2	2		Diabetes .....	..	..	..	..	6	
Noma .....	..	..	..	..	2		Cystitis .....	..	..	1	1	4	
Mortification .....	2	..	1	3	4		Stone .....	..	..	..	..	4	
Purpura .....	2	..	..	2	3		Stricture (of the Urethra) ..	..	1	1	2	9	
Scrofula .....	5	1	..	6	3		Disease of Kidneys, &c. ..	1	3	4	8	5	
Cancer .....	1	8	3	12	12		VIII.—Childbirth .....	..	20	..	20	8	
Tumour .....	..	..	..	..	1		Paramenia .....	..	..	..	..	2	
Gout .....	..	..	..	..	1		Ovarian Dropsy .....	..	..	..	..	8	
Atrophy .....	13	..	2	15	12		Disease of Uterus, &c. ....	2	1	1	4	2	
Debility .....	20	3	..	23	23		IX.—Arthritis .....	..	..	..	..	1	
Malformations .....	3	..	..	3	2		Rheumatism .....	..	1	1	2	3	
Sudden Deaths (including Coroners' Inquests, in which it is not shewn from what diseases or causes the persons died.)	7	7	2	16	16		Disease of Joints, &c. ....	1	4	..	5	4	
III.—Cephalitis .....	13	5	..	18	12		X.—Carbuncle .....	..	..	..	..	1	
Hydrocephalus .....	31	..	..	31	37		Phlegmon .....	..	..	..	..	2	
Apoplexy .....	6	13	8	27	24		Ulcer .....	..	..	..	..	8	
Paralysis .....	..	5	16	21	22		Fistula.....	..	..	..	..	4	
Convulsions.....	50	..	..	50	54		Disease of Skin, &c.....	..	..	..	..	6	
Tetanus .....	..	..	..	..	5		XI.—Old Age .....	..	..	57	57	31	
Chorea .....	..	..	..	..	5		XII.—Intemperance.....	..	..	..	..	9	
Epilepsy .....	1	6	3	10	5		Privation.....	1	..	..	1	7	
Insanity .....	..	1	..	1	1		Violent Deaths .....	22	32	10	64	28	
Delirium Tremens.....	..	3	1	4	2		Causes not Specified.....	1	1	..	2	6	
Disease of Brain, &c. ....	2	4	3	9	12								

5 Winters.														
Weekly Average derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population		Males .....		542	Deaths registered in the Week		Males .....		484	Births registered in the Week		Males .....		691
		Females .....		526			Females .....		545			Females .....		685
		Total .....		1068			Total .....		1029			Total .....		1376
Deaths registered in this the thirteenth week of the first quarter, and in each of the corresponding weeks of the same quarter of the seven preceding years:—														
(1840)	(1841)	(1842)	(1843)	(1844)	(1845)	(1846)	(1847)	(average of the series of weeks, exclusive of the last) 1005						
991	901	850	961	1080	1188	1065	1023							
Deaths in the districts added in 1847.....														
6														

1029

NOTE.—The above return contains births and deaths which occurred in the sub-district of Hampstead; and in the sub-districts of Plumstead and Charlton, Lee, Lewisham, Eltham, and Sydenham, added at the commencement of this year for the first time. The increase which arises from these additional returns amounts, for the present week, to 19 births and 6 deaths.

The mortality of Wandsworth and Clapham was added to the Weekly Returns for London in 1844. In this comparison, a correction is made for this District, in the corresponding weeks of the four preceding years.

\* A man is reported to have died in the sub-district of Lambeth Church (2nd part), of debility, at the advanced age of 102 years 10 months.

DISTRICTS OF LONDON.		Area	Population	Weekly Average	DEATHS	BIRTHS
Comprising 135 Registrars' Districts.		in square Miles	Enumerated in 1841	derived from Deaths of 1842-6, and corrected for increase of Population	registered in the Week	registered in the Week
				5 Winters		
WEST DISTRICTS	{ Kensington; Chelsea; St. George, Hanover-square; Westminster; St. Martin in the Fields; St. James .....	17.2	301,326	158	157	192
NORTH DISTRICTS	{ St. Marylebone; St. Pancras; Islington; Hackney; part of Edmonton, viz. Hampstead .....	20.5	376,396	203	199	243
CENTRAL DISTRICTS	{ St. Giles and St. George; Strand; Holborn; Clerkenwell; St. Luke; East London; West London; City of London .....	2.8	374,759	198	183	256
EAST DISTRICTS	{ Shoreditch; Bethnal Green; Whitechapel; St. George in the East; Stepney; Poplar .....	8.8	393,247	222	226	306
SOUTH DISTRICTS	{ St. Saviour; St. Olave; Bermondsey; St. George, Southwark; Newington; Lambeth; Wandsworth and Clapham; Camberwell; Rotherhithe; Greenwich; Lewisham .....	66.2	502,483	287	264	379
TOTALS .....		115.5	1,948,211	1068	1029	1376

Births and Deaths not caused by Violence, registered in the Metropolis in the last 13 weeks, with the Mean Temperature for the same periods.

	2nd Jan.	9th Jan.	16th Jan.	23rd Jan.	30th Jan.	6th Feb.	13th Feb.	20th Feb.	27th Feb.	6th Mar.	13th Mar.	20th Mar.	27th Mar.
BIRTHS .....	1650	1347	1457	1334	1525	1326	1364	1389	1478	1390	1435	1517	1376
DEATHS (except from Violence) .....	1429	1369	1261	1211	1129	1083	1131	1225	1022	974	1010	1086	966
Deaths (except from Violence) at 60 yrs. & upwards .....	429	391	368	320	337	291	322	341	274	249	267	301	237
Bronchitis .....	163	168	152	172	159	111	127	134	112	86	103	90	84
Pneumonia .....	133	136	128	118	126	114	116	125	83	97	65	77	72
Asthma .....	71	88	56	67	44	36	50	61	31	29	27	42	23
Mean Temperature .....	29.0	37.3	32.2	32.6	41.7	34.8	25.6	45.7	35.8	37.9	35.7	48.8	46.6

\* The District of Lewisham and Sub-district of Hampstead were added to "London" in the week ending 2nd January; the Births and Deaths therefore are not contained in the previous weeks.

## EXTRACTS FROM THE METROPOLITAN RETURNS OF THE PREVIOUS WEEK, No. 12.

(The tabular abstract on the first page is for the week ending Saturday, Mar. 27th. The following selection of cases is made from the returns for the week ending March 20th.)

NOTE.—M. or F. at the beginning of an entry indicates sex; the numerals which follow, mark the age at death, in years, except when otherwise stated. The italics at the end of an entry shew the duration of illness; and when the place is supplied by an asterisk (\*), the Coroner, Medical Practitioner, or other Informant, has not been able to ascertain, or has omitted to state the time in which the person has been subject to the disease or injury which has proved fatal. It should invariably be stated that duration of illness could not be ascertained, when this is the case.

### RETURNS OF VIOLENT DEATHS, MADE CHIEFLY BY CORONER.

NOTE.—The cases of violence not returned by the Coroner, have the words "no inquest."

Fractures and Contusions:—	duration	Wounds (continued):—	duration	Hanging and Suffocation (continued):—	duration
In Westminster Hospital, shoemaker, 77, shock of the system—fracture of the neck of the femur when stepping on to the kerb stone in Little Chapel-street. ....	3 days	In University College Hospital, M. 45, erysipelas of the arms, &c. following a division of the brachial artery by the fall of a chisel, 1 month		M. 45, suicide by hanging, being insane from habits of intemperance.	
In University College Hospital, M. 68 (post mort.), injuries of the head from a fall (how he fell unknown). ....	5 days	At Walham-green, smith and farrier, 67, found dead—suicide by cutting his throat with knives—insane at the time. ....	*	Burns and Scalds:—	duration
Bricklayer's labourer, 66, injuries of the head from a fall while stepping from a ladder on to a scaffold—lived insensible. ....	1 week	Wife of a tailor, 34, suicide—cut her throat with a razor—at the time insane. ....	*	In University College Hospital, F. 8, burns from pushing her pinafore into the fire in absence of the servant, and without a fire-guard. ....	*
Widow of a millwright, 79, fractura cervicis femoris (no inquest), caused by falling over a piece of carpet on the floor. ....	7 days	NOTE.—A girl, aged 2 years, died of tetanus, 1 month		Daughter of an optician, 2, mortal injuries from an accidental burn. ....	*
M. 78 (no inq.), shock to the system by an accidental fall. ....	37 hours	It should have been stated whether traumatic or otherwise, and how it arose.		Daughter of the keeper of a coffee and beer-shop, 1, scalded accidentally. ....	25 hours
M. age (unknown) accidentally run over by a waggon in the City-road. ....	sudden	Drowning:—		Son of a house-decorator, 1, { phthisis..... severe scald of the back and leg, caused by the tilting of a sauce-pan.....	3 weeks
F. 75, { fracture of the neck of the thigh bone within the capsule..... 6 weeks no inq. { sloughing of nates (bed sores), age and debility. .... 4 weeks		Traveller for an ironmonger, about 64, found dead in the Thames near Putney-bridge—drowning, not known how he came into the water—probably suicide.		Poison:—	
Query, How was the fracture caused?		M., age unknown, found dead without marks, apparently drowned (under water some weeks).		F. 10 weeks (post mort.), congestion of the lungs and brain from natural causes—the evidence afforded strong reason for believing that narcotism from a wrong medicine caused the death. ....	*
F. 74 (no inq.), concussion of the brain, and fracture of acromion from a fall. ....	*	Cabin boy, 16, drowned by falling out of a barge into the River Thames accidentally.		Neglect:—	
Query, How was the injury caused?		Carman, 39, accidentally drowned by going into the Surrey Canal to rescue a horse.		M. newly born, wilful murder against some person or persons unknown—hemorrhage from the umbilical cord wilfully neglected to be tied.	
Wounds:—		M. about 30, unknown—found dead in the River Thames—no marks of violence—no proof how he came into the water.		Exposure:—	
In University College Hospital, M. 58, pneumonia during a wound of the wrist, from the breaking of a glass tube he was using. ....	*	Hanging and Suffocation:—		M. newly born, exposure at birth without medical aid, and so wilfully murdered by persons unknown.	
		F., servant, 19, suicide by hanging.			
		Wife of an omnibus conductor, 29, hanged herself in a temporary state of insanity.			

### THIRTEEN HOSPITALS.—CAUSES OF DEATHS (NOT VIOLENT) AS RETURNED BY THE MEDICAL OFFICERS.

NOTE.—Deaths in hospitals from fractures, wounds, burns, scalds, poison, are not contained in this list. See deaths by violence.

St. George's H.—No Deaths registered.	duration	Middlesex H.—	duration	University College H. (continued):—	duration
Westminster H.—		M. 8, pertussis .....	*	M. 59, phthisis .....	*
F. 38, scirrhus pylori—general anasarca. ....	*	M. 32, { hemiplegia..... delirium tremens.....	10 days	M. 29, chronic pleurisy—Bright's disease of kidney—phthisis—anasarca—hydrothorax, 5 years	
See Violent Deaths.		F. 32, erysipelas of the head. ....	*	See Violent Deaths.	
Charing Cross H.—		F. 21, cause of death not yet certified.		Fever H.—No deaths registered.	
F. 35, phthisis .....	*	University College H.—		Small Pox H.—No deaths registered.	
F. 33 (post mort.), phthisis .....	*	M. 71 (inquest), sanguineous apoplexy—found insensible in the street. ....	died in 6 hours		
F. 33 (post mort.), phthisis .....	*	previously in bad health.			

THIRTEEN HOSPITALS.—CAUSES OF DEATH (NOT VIOLENT) AS RETURNED BY THE MEDICAL OFFICERS (continued).—

King's College H.:

	duration
M. 62, dysentery	4 year
M. 26, phthisis	4 months
M. 20, heart disease	2 years
F. 50, ulcer of stomach	4 months
F. 20, phthisis	6 months
F. 29, pneumonia	7 days

St. Bartholomew's H.:

M. 51, pneumonia—anasarca with albuminous urine	*
M. 29, phthisis	*
F. 53, disease of the kidney	*
F. 29, phthisis	*
F. 69, dysentery	*
F. 66, carcinoma of the uterus	*

London H.:

M. 44, { great hypertrophy and dilatation of the heart	*
(p.m.) morbus Brightii	18 months
anasarca	3 months
F. 34, chronic abscesses	12½ years

London H. (continued):

	duration
F. 30, { ulceration of sigmoid flexure and rectum	8 months
(p.m.) fatty liver	*
F. 34, { morbus Brightii	8 months
(p.m.) anasarca	6 weeks
liver enlarged and highly congested	*
St. Thomas' H.:	
F. 53, { carcinoma uteri	*
admitted 29th Dec., 1846.	
M. 29 (post mort.), pneumonia	11 days
M. 10, { otorrhoea	4 years
abscess of the brain	*
M. 54, albuminuria	*
M. 50, stricture and abscess in perineo	3 years
M. 46, carbuncle and fever arising from destitution	*
M. 49, paralysis	*
M. 26, epilepsy	6 months
F. 68, exhaustion after operation for strangulated hernia	*
F. 21, endocarditis—disposal of cardiac valves after rheumatism	*
F. 10 days, debility from premature birth	*

Guy's H.:

	duration
M. 32, { cyanche	3 days
(p.m.) { oedema glottidis	a few hours
M. 42, { scirrhus pylori	6 months
(p.m.) { extreme emaciation	*
sloughing cornea	*
M. 42, chronic bronchitis	*
M. 37, { disease of aortic valves and aorta	6 months
ascites—anasarca	*
F. 21, phthisis	7 months
F. 23, { ulcerated mucous membrane of intestines	*
acute peritonitis	*
acute peritonitis	*
M. 34, { otitis	5 years
(p.m.) { facial paralysis	*
diarrhoea	6 months
M. 47, { hypertrophy of left ventricle	*
(p.m.) { anasarca and ascites	10 months
Dreadnought H.:	
M. 18, { strangulation of the sigmoid flexure of colon	4 days
(p.m.) { stercoraceous vomiting	2 hours

DEATHS BY SMALL POX, TYPHUS, ETC., SYPHILIS, HÆMORRHAGE, MALFORMATION, HERNIA, DIABETES, STONE, CHILDBIRTH, DELIRIUM TREMENS, INTEMPERANCE, PRIVATION, ETC.

Small Pox:

	duration
F. 4 months, small pox (without vaccination)	*
M. 1, variola	9 days
It should have been stated whether vaccination was performed.	
F. 30, small pox—natural—(without previous vaccination)	14 days
F. 3, { confluent small pox	10 days
was vaccinated after small pox appeared in the family	*
F. 8 mon., { small pox (natural)	10 days
no medical attendant	*
F. 8 mon., { small pox (natural)	10 days
no medical attendant	*
F. 5, variola confluent	*
It should have been stated whether vaccination was performed.	
M. 1, { small pox	1 week
vaccination twice attempted 14 weeks ago without success	*
F. 26, { small pox	12 days
vaccinated several years ago	*

Typhus, &c.:

M. 11, fever	*
F. 67, common continued fever	3 weeks
F. 3, synochus	11 days
F. 54, { fever	1 month
diseased brain	of long standing
M. 4, { bronchitis	10 days
typhus	*
F. 1, { fever	2 months
abscess on the back	*
F. 59, typhus	*
M. 6, gastric fever	8 days
M. 43, inflammation of the throat, with typhoid fever—bronchitis	*
F. 76, fever	10 days
M. 72, fever	6 weeks
M. 19, typhus	4 weeks
M. 5, febris typhoides	16 days
F. 11 mon., { low fever, from contact with the mother, who had typhus	*
inanimation, from want of natural nutriment	*
F. 19, { bronchitis	19 days
typhus fever	*
F. 2, fever—hydrocephalus	*
F. 20, typhus	22 days
M. 3, typhus fever	14 days
F. 74, { typhus	1 month
gangrena scilicet	10 days
M. 68, fever	9 days
F. 2, { gastric fever	3 weeks
dentition—convulsions	8 days
M. 57, fever	*
M. 8, fever	15 days
F. 42, fever—bronchitis	6 days
F. 27, { low fever	7 days
typhoid fever	3 days
F. 14, fever—cerebral inflammation	*
M. 5, typhus—pertussis	2 months

Typhus &c. (continued):

	duration
F. 8, { cerebral fever	7 days
hydrocephalus	*
F. 2, febris	3 weeks
M. 40, fever	5 weeks
F. 2, { fever	1 month
effusion on the brain	7 days
F. 6, typhus fever	16 days
F. 56, { cerebral congestion	14 days
typhus mitior	7 days

Remittent Fever:

M. 4, { remittent fever	2 months
arachnitis	5 days
(p.m.) { gorged veins of brain and sinuses—effusion into arachnoid and ventricles—thickening of arachnoid at base of brain—both lungs loaded with milary tubercles	*
F. 8 months, remittent fever—pneumonia	*

Infantile Fever:

M. 1 month, infantile fever	3 days
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Syphilis:

No deaths registered from this cause.

Hæmorrhage:

M. 61, (inquest) natural death—rupture of a vessel	sudden
--	--------

Malformation:

M. 14, { malformation of heart	*
asphyxia	*
F. 2 days, imperfect closure of the foramen ovale	*

Hernia:

M. 64, (inquest), strangulation of the intestines	*
F. 76, { strangulated femoral hernia	9 days
peritonitis	*

See Hospital Returns.

Diabetes:—No deaths registered from this cause.

Stone:

M. 32, { stone in the bladder	12 to 15 years
operation—exhaustion, debility	9 days

Childbirth:—The time elapsing from commencement of labour to death should invariably be returned.

F. 35, { difficult labour from malposition of child	3 days
flooding	5 days
F. 22, { childbirth	5 days
puerperal fever	*
F. 41, { phlegmasia dolens	3 weeks
childbirth	10 days
F. 36, { puerperal fever	*
febris puerperalis	*
F. 32, hæmorrhage, consequent on placenta previa	*

Childbirth:—(continued.)

	duration
F. 23, { childbirth	9 days
puerperal convulsions	3 hours
diarrhoea	1 day
F. 23, puerperal fever	*
F. 19, puerperal fever	*
F. 33, premature labour—exhaustion	*
F. 25, (inquest), childbirth	sudden
F. 21, { childbirth	18 days
mania	14 days
F. 32, puerperal fever	*
F. 24, { childbirth	12 days
puerperal fever	4 days
F. 31, (inquest), childbirth	*
F. 32, puerperal fever	5 days

Phthisis and Childbirth:

F. 23, { consumption	*
accouchment	5 weeks

Delirium Tremens:

M. 43, { delirium tremens	5 days
effusion on the brain	6 hours

See Returns of Middlesex Hospital.

Intemperance:

No deaths registered from this cause.

Privation:

M. 19 days, marasmus, from want of proper nourishment	*
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See Returns of St. Thomas' Hospital.

Want of Breastmilk:

M. 2, { bringing up by hand	from birth
tabes mesenterica	3 months

Miscellaneous Causes:

M. 100, natural decay. The deceased, who was a pensioner of the army, had been an inmate of Chelsea Workhouse more than 50 years. He received 9 shillings per week, and therefore paid for his maintenance. For a number of years he has taken half-a-pint of gin daily, which he generally swallowed at a single draught; but he enjoyed excellent health till a short time previous to his death. He was a native of Scotland, and born in June, 1746.	
M. 47, (post mortem), acute laryngitis, with oedema of the glottis	36 hours
F. 31, { ovarian dropsy	4 years
inflammation and sloughing	1 month
Three children born at a birth, died in half an hour of "debility from premature birth."	
NOTE.—The three deaths following occurred in one family, at 47 Wootton-street, Cornwall-road.	
F. 2, scarlet fever, attended with inflammation of the lungs	5 days
F. 5, scarlet fever—typhus fever	11 days
F. 7, scarlet fever—typhus fever	10 days
The Registrar adds that other two members of the family were dangerously ill.	

In the return for week ending March 20th, causes of deaths were—

(1) Certified by written statement of Medical Attendant in	992 cases
(2) Attested by Coroner, or stated by him to be not ascertainable, in	57 "
(3) Stated to have been without Medical Treatment in	24 "
(4) Not certified in	41 "

TOTAL... 1114

Deaths under 1st and 2nd heads show a proportion to the total number of 94 per cent. Besides the 24 cases enumerated above, others, which had no Medical Attendance, are probably included under the 2nd and 4th heads.

ANALYSIS OF CASES IN WHICH INQUESTS WERE HELD.—Deaths from violence, 23; from apoplexy, 2; from disease of heart, 1; from spasm of epiglottis, 1; from childbirth, 2; from other specified causes, 17; "found dead," "natural death," "visitation of God," &c., 11.—TOTAL, 57 cases.

THE NUMBER OF CASES in which it is recorded that a POST MORTEM EXAMINATION was held, is 33.

# METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH,

During the Week ending Saturday, 27th March, 1847.

Day.	Phases of the  Moon	Mean height of the Barometer, from 12 Observations, (corrected and reduced to 32 degrees Fahrenheit.)	Readings of Thermometers										Difference between the Dew Point Temperature and Air Temperature			Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 25 years	WIND						Mean Amount of Cloud, 0-10	Rain in inches, read at 9 o'clock the next morning
			Dry			Dew Point	In the Water of the Thames at Greenwich, by the self- registering Thermometer, read at 9 o'clock next morning	Mean of 12 Diff.	Greatest	Least	General Direction		Pressure in lbs. on the square foot				Amount of Horizontal Movement of the Air in each day							
			Highest from 12 Obs.	Low- est from 12 Obs.	Mean from 12 Obs.	Mean from 12 Rits					Highest	Lowest	A.M.	P.M.	Greatest			Least	Mean of 12 Obs.					
MARCH		in.	°	°	°	°	°	°	°	°	°	°	°	°	S. by E. S.S.W. and Calm	S.S.W. and Calm	lbs.	lbs.	lbs.	Miles				
SUN.	21						70.5	21.0	45.0	44.0							1.0	0.0	0.2	60	5.0	0.00		
MON.	22		29.639	57.6	32.5	45.4	39.8	77.7	27.7	46.2	45.2	5.6	13.2	0.3	+ 2.9	Calm	Calm	0.0	0.0	0.0	30	5.6	0.01	
TUES.	23	Greatest declination N. First Quarter.	29.661	54.0	39.0	45.3	39.5	72.0	28.8	46.8	46.0	5.8	19.8	0.3	+ 3.8	Calm	S.S.W.	4.0	0.0	0.7	200	4.6	0.02	
WED.	24		[Fast Day.]					64.0	20.2	46.5	46.0					W.S.W.	W.S.W. and S.W.	1.0	0.0	0.1	65	5.5	0.00	
THU.	25		29.887	58.8	31.8	43.7	36.6	80.0	31.8	46.3	46.3	7.1	17.6	1.1	+ 1.9	Calm	Calm	0.0	0.0	0.0	70	2.1	0.01	
FRI.	26		29.883	60.7	41.0	49.4	43.4	79.0	28.0	46.7	46.7	6.0	13.7	1.6	+ 7.9	Calm	Calm and S.W.	0.5	0.0	0.0	70	7.2	0.00	
SAT.	27		29.835	60.3	40.7	49.1	42.9	89.0	33.1	47.2	47.0	6.2	18.2	0.0	+ 6.6	S.S.W. and Calm	S.S.W. and Calm	0.1	0.0	0.0	10	5.8	0.00	
MEANS			29.781	58.3	37.0	46.6	40.4	76.0	27.2	46.4	45.9	6.1	16.5	0.7	+ 4.6	†					Sum 505	5.1	Sum 0.04	

DAY	ELECTRICITY	Circumstances accompanying the exhibition of Electricity	GENERAL REMARKS
SUN.	Positive at each examination.	See General Remarks.	Three-fourths of the sky were covered with cirrostratus, cumulostratus, and scud until 4h. p.m.; after that time the clouds gradually dispersed, leaving the sky cloudless: the sky remained clear till midnight.
MON.	Positive and weak throughout the day; the max. occurred at 7h. 30m. p.m.	See General Remarks.	With the exception of some light clouds that prevailed at 3h. 30m. a.m., and at 9h. 30m. a.m., the sky was cloudless till near noon; generally overcast afterwards with cirrostratus and scud till midnight.
TUES.	Positive and weak throughout the day; the max. occurred at 7h. 30m. p.m.	See General Remarks.	Overcast till 2h. a.m.; at 3h. 30m. a.m. about one-half of the sky was covered; nearly cloudless from that time till noon; overcast from noon until 6h. p.m., and cloudless afterwards till midnight. Rain fell at frequent intervals during the afternoon.
WED.	Positive at each examination: the max. occurred at 9h. 20m. p.m.	See General Remarks.	The sky was overcast till noon; from that time till 6h. p.m. the amount of cloud was variable: cloudless afterwards till midnight.
THURS.	Positive with strong tension: the maximum occurred at noon, and 9h. 20m. p.m. At midnight nothing was shewn.	See General Remarks.	Cloudless till noon; from that time till 11h. p.m. light clouds of small amount prevailed; overcast afterwards till midnight.
FRID.	No electricity was shewn till 7h. 30m. a.m., when it became positive with weak tension; nothing was shewn from that time till 1h. 30m. p.m.; afterwards positive with moderately strong tension till 7h. 30m. p.m.: from that time till midnight slightly positive.	See General Remarks.	Overcast till 6h. a.m.; from that time till 6h. p.m. three-fourths of the sky were covered, except at 9h. 30m. a.m., when the amount of cloud was small: nearly cloudless from 6h. p.m. till midnight. The prevailing clouds were cirrostratus, cumulostratus, and scud. A shower of rain fell at 1h. 30m. a.m.
SAT.	Positive and weak till 4h. a.m.; from that time till 7h. 30m. a.m. strong electricity was shewn; nothing was shewn from the last mentioned time till noon; positive with moderate tension afterwards till midnight. The max. occurred at 7h. 30m. a.m.	See General Remarks.	Cloudless till 3h. 30m. a.m.; from that time till 3h. 30m. p.m. the sky was generally overcast; the amount of cloud was afterwards variable till midnight. Cirrostratus, cumulostratus, and scud, were the prevailing clouds. A few drops of rain fell during the afternoon. A perfect lunar halo was observed at 7h. p.m., whose radius was 23°.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The amount of clouds is estimated by considering a clear sky to be represented by 0, a cloudy sky by 10; and when partially cloudy by estimating the number of tenths of the whole sky covered with cloud. The observations are taken every two hours, day and night.

The readings of the two self-registering thermometers, the one placed in the full rays of the sun, and the other placed on grass fully exposed to the sky, are taken every morning at 9 A.M., and therefore exhibit the highest and lowest readings respectively, that have occurred in the previous 24 hours. They are, however, placed here opposite to the civil day which precedes that on which the thermometers are read.

Whewell's anemometer (from the indications of which the estimation of horizontal movement is made) is read at 10 A.M., and the result given is for the 24 hours preceding. It is placed here opposite to the civil day, which precedes that on which the anemometer is read.

The average temperature for 25 years is furnished by Mr. Henry, Assistant at the Royal Observatory, from the observations made at his residence in the neighbourhood of Greenwich Park.

\* In reading the 16th column, it will be borne in mind that + is read "higher," and — "lower," than the average.

The temperature of the water of the Thames is ascertained by the use of a self-registering thermometer, suspended from the side of the Dreadnought Hospital Ship, at the depth of about 2 feet below the surface. The readings of this instrument are registered under the superintendence of Lieutenant Sanders, R.N., Superintendent of the Dreadnought. The mean reading of a thermometer placed on the mainmast, and read each day at 6h. 30m. A.M., was 39.1; and the mean reading at 7h. 30m. P.M., was 48.6; the mean readings at the Royal Observatory for the same times were 37.4 and 47.6 respectively.

† The mean direction of the wind for the week is S.W.

## Births and Deaths registered in London,

During the Week ending Saturday, April 3rd, 1847.

ANNUAL SERIES VIII.]

PUBLISHED BY AUTHORITY OF THE REGISTRAR GENERAL.

[No. 14.]

Causes of Death	Age			Total	Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population 5 Springs	Causes of Death.	Age			Total	Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population 5 Springs
	0 to 15	15 to 60	60 and upwards				0 to 15	15 to 60	60 and upwards		
ALL CAUSES.....	388	363	252	*1004	914	IV.—Laryngitis .....	2	2	..	4	1
SPECIFIED CAUSES .....	386	363	251	*1001	909	Quinsey .....	1	2	..	3	1
I.—Zymotic (or Epidemic, Endemic, and Contagious) Diseases.....	72	23	12	107	166	Bronchitis .....	20	15	38	73	21
SPORADIC DISEASES—						Pleurisy .....	..	3	1	4	2
II.—Dropsy, Cancer, and other Diseases of uncertain or variable Seat .....	67	39	22	128	99	Pneumonia .....	46	7	4	57	63
III.—Diseases of the Brain, Spinal Marrow, Nerves and Senses ..	95	41	40	*177	158	Hydrothorax .....	..	2	4	6	5
IV.—Diseases of the Lungs, and of the other Organs of Respiration ..	87	144	71	302	275	Asthma .....	..	11	14	25	14
V.—Diseases of the Heart and Blood-vessels .....	1	37	17	55	29	Phthisis (or Consump- tion) .....	14	96	5	115	152
VI.—Diseases of the Stomach, Liver, and other Organs of Digestion ..	41	24	13	78	70	Disease of Lungs, &c. ....	4	6	5	15	15
VII.—Diseases of the Kidneys, &c. ....	..	5	5	10	8	V.—Pericarditis .....	..	1	1	2	2
VIII.—Childbirth, Diseases of the Uterus, &c. ....	..	10	1	11	10	Aneurism .....	..	1	..	1	.8
IX.—Rheumatism, Diseases of the Bones, Joints, &c. ....	3	7	3	13	8	Disease of Heart, &c. ....	1	35	16	52	27
X.—Diseases of the Skin, Cellular Tissue, &c. ....	1	..	1	2	2	VI.—Teething .....	13	..	..	13	14
XI.—Old Age .....	..	..	58	58	57	Gastritis .....	1	1	..	2	13
XII.—Violence, Privation, Cold and Intemperance .....	19	33	8	60	28	Enteritis .....	5	..	2	7	3
I.—Small Pox .....	5	3	..	8	15	Peritonitis .....	1	3	..	4	10
Measles .....	5	..	..	5	23	Tabes Mesenterica .....	15	..	..	15	.6
Scarlatina .....	6	1	..	7	24	Worms .....	..	..	..	..	1
Whooping Cough .....	32	1	..	33	39	Ascites .....	..	3	2	5	2
Croup .....	3	..	..	3	8	Ulceration (of Intestines, &c.) ..	..	1	..	1	2
Thrush .....	1	..	..	1	4	Hernia .....	..	2	3	5	2
Diarrhoea .....	9	3	4	16	7	Colic or Hens .....	..	4	1	5	3
Dysentery .....	1	..	1	2	1	Intussusception .....	..	1	..	1	.8
Cholera .....	1	..	..	1	.6	Stricture (of the Intestinal Canal) ..	..	..	..	..	.4
Influenza .....	1	2	1	4	2	Hæmatemesis .....	..	..	1	1	.9
Ague .....	..	..	..	..	.4	Disease of Stomach, &c. ..	4	1	..	5	5
Remittent Fever .....	1	..	..	1	.8	Disease of Pancreas .....	..	..	..	..	..
Typhus .....	3	11	4	18	34	Hepatitis .....	1	4	..	5	2
Erysipelas .....	3	2	2	7	6	Jaundice .....	..	..	1	1	2
Syphilis .....	1	..	..	1	1	Disease of Liver, &c. ....	1	4	3	8	9
Hydrophobia .....	..	..	..	..	..	Disease of Spleen .....	..	..	..	..	.1
II.—Hæmorrhage .....	..	7	1	8	3	VII.—Nephritis .....	..	..	..	..	.6
Dropsy .....	..	5	3	8	26	Ischuria .....	..	..	..	..	.1
Abscess .....	..	..	..	..	2	Diabetes .....	..	..	..	..	.4
Noma .....	..	..	..	..	..	Cystitis .....	..	..	..	..	.4
Mortification .....	1	1	1	3	4	Stone .....	..	1	1	1	.5
Purpura .....	1	1	..	2	.4	Stricture (of the Urethra) ..	..	1	1	2	.9
Scrofula .....	3	2	..	5	4	Disease of Kidneys, &c. ..	..	4	3	7	6
Cancer .....	..	8	1	9	12	VIII.—Childbirth .....	..	7	..	7	7
Tumour .....	..	..	..	..	.6	Paramenia .....	..	..	..	..	.2
Gout .....	..	1	1	1	1	Ovarian Dropsy .....	..	..	..	..	.6
Atrophy .....	23	1	1	25	11	Disease of Uterus, &c. ....	..	3	1	4	2
Debility .....	23	5	..	28	21	IX.—Arthritis .....	..	1	..	1	.1
Malformations .....	2	..	..	2	2	Rheumatism .....	2	4	3	9	3
Sudden Deaths (including Coroners' Inquests, in which it is not shewn from what diseases or causes the persons died.)	14	9	14	37	12	Disease of Joints, &c. ....	1	2	..	3	4
III.—Cephalitis .....	18	3	..	21	12	X.—Carbuncle .....	..	..	..	..	.1
Hydrocephalus .....	24	..	..	*25	38	Phlegmon .....	..	..	..	..	.2
Apoplexy .....	3	16	12	31	22	Ulcer .....	..	..	1	1	.5
Paralysis .....	..	6	14	20	18	Fistula .....	..	..	..	..	.3
Convulsions .....	44	..	..	44	49	Disease of Skin, &c. ....	1	..	..	1	.6
Tetanus .....	..	1	..	1	.4	XI.—Old Age .....	..	..	58	58	57
Chorea .....	..	..	..	..	.1	XII.—Intemperance .....	..	4	..	4	.9
Epilepsy .....	2	5	4	11	5	Privation .....	..	1	..	1	.3
Insanity .....	..	4	6	10	1	Violent Deaths .....	19	28	8	55	27
Delirium Tremens .....	..	2	..	2	2	Causes not Specified .....	2	..	1	3	5
Disease of Brain, &c. ....	4	4	4	12	11						

Weekly Average derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population		Deaths registered in the Week		Births registered in the Week	
Males .....	468	Males .....	520	Males .....	662
Females .....	446	Females .....	484	Females .....	651
Total .....	914	Total .....	1004	Total .....	1313

Deaths registered in this the fourteenth week of the first quarter, and in each of the corresponding weeks of the same quarter of the seven preceding years:—  
 (1840) 866 (1841) 797 (1842) 809 (1843) 870 (1844) 923 (1845) 950 (1846) 1028 (1847) 997  
 Deaths in the districts added in 1847..... 7  
 1004

NOTE.—The above return contains births and deaths which occurred in the sub-district of Hampstead; and in the sub-districts of Plumstead and Charlton, Lee, Lewisham, Eltham, and Sydenham, added at the commencement of this year for the first time. The increase which arises from these additional returns amounts, for the present week, to 19 births and 7 deaths.  
 The mortality of Wandsworth and Clapham was added to the Weekly Returns for London in 1844. In this comparison, a correction is made for this District, in the corresponding weeks of the four preceding years.  
 \* The age of one person, whose death is assigned to effusion on the brain, is not stated.

# DISTRICTS OF LONDON, Comprising 135 Registrars' Districts.

	Area in square Miles	Population Enume- rated in 1841	Weekly Average derived from Deaths of 1842-6, and corrected for increase of Population 5 Springs	DEATHS registered in the Week	BIRTHS registered in the Week
WEST DISTRICTS { Kensington; Chelsea; St. George, Hanover-square; Westminster; St. Martin } NORTH DISTRICTS { St. Marylebone; St. Pancras; Islington; Hackney; part of Edmonton, viz. Harepstead }	17.2	301,326	141	139	179
CENTRAL DISTRICTS { St. Giles and St. George; Strand; Holborn; Clerkenwell; St. Luke; East } EAST DISTRICTS { Shoreditch; Bethnal Green; Whitechapel; St. George in the East; Stepney; } SOUTH DISTRICTS { St. Saviour; St. Olave; Bermondsey; St. George, Southwark; Newington; Lambeth; } { Wandsworth and Clapham; Camberwell; Rotherhithe; Greenwich; Lewisham }	20.5	376,396	175	186	280
	2.8	374,759	168	175	214
	8.8	393,247	191	227	284
	66.2	502,483	239	277	356
TOTALS	115.5	1,948,211	914	1004	1313

Births and Deaths not caused by Violence, registered in the Metropolis in the last 13 weeks, with the Mean Temperature for the same periods.

	9th Jan.	16th Jan.	23rd Jan.	30th Jan.	6th Feb.	13th Feb.	20th Feb.	27th Feb.	6th Mar.	13th Mar.	20th Mar.	27th Mar.	3rd April
BIRTHS	1347	1457	1334	1525	1326	1364	1389	1478	1390	1435	1517	1376	1313
DEATHS (except from Violence)	1369	1261	1211	1129	1083	1131	1225	1022	974	1010	1086	965	949
Deaths (except from Violence) at 60 yrs. & upwards	391	368	320	337	291	322	341	274	249	267	301	237	244
Bronchitis	168	152	172	159	111	127	134	112	86	103	90	84	73
Pneumonia	136	128	118	126	114	116	125	83	97	65	77	72	57
Asthma	88	56	67	44	36	50	61	31	29	27	42	23	25
Mean Temperature	37.3	32.2	32.6	41.7	34.8	25.6	45.7	35.8	37.9	35.7	48.8	46.6	36.8

## EXTRACTS FROM THE METROPOLITAN RETURNS OF THE PREVIOUS WEEK, No. 13.

(The tabular abstract on the first page is for the week ending Saturday, April 3rd. The following selection of cases is made from the returns for the week ending Mar. 27th).

### RETURNS OF VIOLENT DEATHS, MADE CHIEFLY BY CORONER.

NOTE.—The cases of violence not returned by the Coroner, have the words "no inquest."

Fractures and Contusions:—	duration	Wounds:—	duration	Burns and Scalds (continued):—	duration
In St. George's Hospital, gardener, 40, natural fracture of left thigh when getting out of bed (supposed from diseased bone) . . . . .	7 weeks	In St. Bartholomew's Hospital, plumber, painter, and glazier, 50, cutting his throat with a razor at Bedford-row, in temporary insanity . . . . .	6 hours	Widow of a gardener, 78, burnt by her clothes taking fire whilst alone in her room . . . . .	4 days
subsequent continued vomiting (supposed from internal disease) . . . . .	6 weeks	In Guy's Hospital, nurse in the hospital, 64, (no inquest) punctured wound of hand . . . . .	8 days	F. 56, burns of the nates from her shift taking fire at a grate, as she stooped in dressing . . . . .	18 days
In St. George's Hospital, plumber's apprentice, 18, wound of the head—fever supervening—fell with a balcony from an attic window, 59, Upper Berkeley-street, when about to clean the window . . . . .	24 days	How caused should have been stated.		In Guy's Hospital, wife of a lighterman, 42, burnt by her clothes taking fire whilst reading alone, at Grove-street, Deptford . . . . .	8 days
In St. Bartholomew's Hospital, plumber, painter, and glazier, 29 (post mort.), fracture of his spine, caused by falling from a plank whilst at work, at Macclesfield-street, City-road . . . . .	5 weeks	M. 58, f injured toe from cutting the nail . . . . .	6 weeks	In London Hospital, daughter of a labourer, 7, accidentally burnt by her clothes taking fire . . . . .	4 days
In London Hospital, son of an engineer, 4, accidental from a fractured thigh by a fall out of bed, and scarlet fever supervening . . . . .	14 days	(no inq.) mortification . . . . .	14 days	In London Hospital, labourer, 50, accidental from burns by the bed clothes taking fire in a bed room . . . . .	*
Sugar-baker, 39, accidental by a fall down steps, immediate		Commercial clerk, probably 32, cutting his throat with a pen knife in temporary insanity . . . . .	a few minutes	In London Hospital, son of a labourer, 1, death from burns by his clothes taking fire, but how unknown . . . . .	*
In London Hospital, labourer, 27, accidental from a fall of bags of sugar on his head . . . . .	2 days	Cane planer, 19 (p.m.), gunshot—wilful murder against Thomas Brooks . . . . .	sudden	In London Hospital daughter of a cutler, 9, accidental from burns by her clothes taking fire . . . . .	*
In London Hospital, seaman, 56 (post mort.), accidental from a concussion of the brain, by a fall down a ship's hold at Poplar . . . . .	24 days	Drowning:—		In London Hospital, daughter of a weaver, 9, accidental from burns by her clothes taking fire . . . . .	1 day
In London Hospital, caddy servant, 28, accidental by a fall on deck and fracture of the arm, at sea . . . . .	6 weeks	Shipwright, 22, accidentally drowned in the River Thames, by falling from the side of a ship whilst at work (under water 6 weeks)		In London Hospital, sempstress, 52, accidental from burns by her clothes taking fire, 2 months	14 days
In London Hospital, widow of a tailor, 76, accidental from a fractured thigh by a fall . . . . .	10 days	Labourer, about 30, found dead in the River Thames—no marks of violence.		In London Hospital, daughter of a waterman, 3, accidental from burns by her clothes taking fire . . . . .	1 day
In Guy's Hospital, labourer, 48, fracture of the pelvis, and injuries arising from an accidental fall from a ladder . . . . .	about a week	Hanging and Suffocation:—		In London Hospital, widow of a sailor, 67, accidental from burns . . . . .	*
Apprentice seaman, 19, injuries accidentally received from falling into a ship's dock at Mill Wall . . . . .	15 days	Widow of a hair-dresser, 67, hanging herself by a handkerchief to a bedstead, kneeling on the ground—temporary insanity—found dead		In London Hospital, widow of a weaver, 82, accidentally burnt by her clothes taking fire . . . . .	1 day
F. 49, injuries of the head from a fall down stairs while drunk . . . . .	instant	F. 5 weeks, cause of death not discoverable on post mort. exam.—the parents were drunk in bed with the child when found dead.		Son of a green-grocer, 2, scalded by the upsetting of a saucepan of hot water . . . . .	12 days
In St. George's Hospital, toy-shop-keeper, singlewoman, 41 (post mort.), inflammation of the lungs following fracture of the ribs—accidentally knocked down and run over by a hackney cabriolet drawn by one horse, when crossing the road at Knightsbridge . . . . .	5 days	Stock-broker, 35, diluted carbonic acid gas, from burning charcoal in a stove incautiously placed by himself in his bedroom without suicidal intent—found in bed insensible and breathing stertorously, and died in . . . . .	48 hours	In London Hospital, daughter of an eating-house-keeper, 3, accidental from scalds caused by the fall of a kettle of boiling water, and scarlet fever supervening . . . . .	9 days
In London Hospital, son of a pastry cook, 3, accidentally run over by a cart . . . . .	*	Burns and Scalds:—		In London Hospital, son of a tinplate-worker, 1, accidental by scalds with coffee, from the fall of a pot . . . . .	5 days
In London Hospital, widow of a labourer, 79, accidentally run over by a waggon, which fractured her leg . . . . .	*	In St. George's Hospital, daughter of a stone-sawyer, 3, burn of the body and face—clothes took fire from a fire in the grate without fender or guard, when left in the room with other young children, at Augustus-court, Pimlico . . . . .	6 hours	In London Hospital, son of an engineer, 2, accidental from scalds by the fall of a coffee pot of boiling coffee . . . . .	3 days
M. 75 (no inquest) wound in the leg from being knocked down by a cab . . . . .	*	In St. George's Hospital, daughter of a tailor, 10 (post mort.), congestion of the left lung, and sloughing of the face and neck from a burn—pinafire took fire when filling a kettle on the hob, at Brewer-street, Pimlico, 28 days		In London Hospital, son of a labourer, 10 mon., accident by scalds from a pot of boiling coffee falling on him . . . . .	*
gangrene . . . . .	5 weeks	In St. Bartholomew's Hospital, wife of a sawyer, 29, burnt by her clothes taking fire whilst in a fit, at Collingwood-street, Shoreditch . . . . .	4 days	In St. George's Hospital, engine-driver, 56, scalds—fell into boiling water in the stoke-hole of a steam-engine, at the Iron Gate Wharf saw-mills, Paddington . . . . .	6 hours
suppuration . . . . .	1 week	In St. Bartholomew's Hospital, son of a sawyer, 7 mon., burnt by his clothes taking fire, in consequence of his mother falling down in a fit with him near the fire, in Collingwood-street, Shoreditch . . . . .	5 hours	Daughter of a whitesmith, 8 mon. (no inq.), severe scald . . . . .	6 days
consequent exhaustion.		In St. Bartholomew's Hospital, daughter of a sawyer, 3, burnt by her clothes taking fire whilst alone, at Playhouse-yard, White-cross-street . . . . .	8 hours		
In London Hospital, labourer, 35, accidentally run over by a railway train on the Eastern Counties Railway near Ponder's End, whereby his left leg was fractured . . . . .	4 days	In St. Bartholomew's Hospital, daughter of a turner, 9, burnt by her clothes taking fire whilst blowing the fire with bellows, at Sidney-grove, City-road . . . . .	10 days		
Labourer, 55, concussion of the brain—thrown from a cart at Wandsworth accidentally . . . . .	1 hour	In London Hospital, son of a labourer, 6, accidental from burns . . . . .	died on the same day		
Son of a painter, 20, injuries from being accidentally drawn into an engine . . . . .	*				
Where, and what kind of engine should have been stated?					
In University College Hospital, labourer, 94, fracture of the finger, producing inflammation of the absorbents of the arm . . . . .	*				
M. 45. f injury to the ankle . . . . .	6 months				
(no inq.) l phthisis . . . . .	3 months				
In the above two cases it should have been stated how the injury was caused.					

It should have been stated how the scald was caused.

#### Poison:—

- F. 52 (post mort.), arsenic—suicide in temporary insanity—found dead in bed . . . . .
- F. 49 (post mort.), arsenic—suicide in temporary insanity—found dead in bed . . . . .
- M. 4, natural death from disease of kidney, bronchial tube and lungs, accelerated by subacetate of copper taken into his body, being poisoned . . . . .
- M. 83, inflammation of the stomach from a liniment composed of ammonia, camphor, and laudanum having been inadvertently administered to him . . . . .
- M. about 50, natural, but accelerated by the impure air of the room where he lodged—found dead in bed—no marks of violence . . . . .

**FOURTEEN HOSPITALS.—CAUSES OF DEATHS (NOT VIOLENT) AS RETURNED BY THE MEDICAL OFFICERS.**  
NOTE.—Deaths in hospitals from fractures, wounds, burns, scalds, poison, are not contained in this list. See deaths by violence.

<i>St. George's H.:</i> —	<i>duration</i>	<i>Fever H.:</i> —	<i>duration</i>	<i>London H. (continued):</i> —	<i>duration</i>
M. 32 (post mort.), pleuro-pneumonia—pericarditis—fever.....	about 2 days	M. 25, { fever.....	*	F. 32, consumption.....	10 months
M. 23, consumption.....	*	{ from Basinghall Street—in hospital	*	F. 34, { fever.....	28 days
F. 74, { femoral hernia.....	*	{ 24 hours.	*	{ gastro-enteritis—ulceration of large in-	
{ strangulation.....	5 days	<i>Small Pox H.:</i> —		{ testines—perforation.	
{ operation.....	4 days	M. 21, { small pox.....	7 days	<i>St. Thomas' H.:</i> —	
{ mortification of intestine.....	*	{ natural, confluent, cum delirio.....	*	F. 23, phthisis.....	2 years
F. 58, tumour over the left clavicle.....	*	F. 26, { small pox.....	10 days	<i>Guy's H.:</i> —	
F. 22, phthisis pulmonalis.....	*	{ confluent, petechial, vaccinated.	*	M. 50, bronchitis.....	*
F. 40, scalp wound.....	*	<i>King's College H.:</i> —		{ F. 6, { serofolous necrosis of left tibia.....	13 months
<i>Westminster H.:</i> —		F. 42, heart disease.....	some years	{ acute peritonitis.....	3 days
F. 55, febris.....	7 days	<i>St. Bartholomew's H.:</i> —		{ F. 33, { cystiform cancer of the ovary.....	*
<i>Charing Cross H.:</i> —No Deaths registered.		M. 22, inflammation of the brain.....	*	{ malignant omentum.	*
<i>Middlesex H.:</i> —		M. 24, phthisis.....	*	{ chronic pneumonia.	*
M. 21, emphysema pulmonum.....	*	M. 2, pneumonia.....	6 days	<i>Dreadnought H.:</i> —No deaths registered.	
<i>University College H.:</i> —		M. 76 (inquest—post mort.), apoplexy.....	4 hours	<i>Royal Ordnance H.:</i> —	
M. 36, purulent absorption—pneumonia—dis-	*	F. 21, phthisis.....	7 months	Gunnery { 20 { inflammation of tonsils.....	*
seminated abscesses.....	*	<i>London H.:</i> —		{ of inflammation of lungs.....	12 days
		M. 15, synochus.....	about 12 days	{ Royal { bronchitis.....	*
		M. 47, mitral disease.....	*	{ Artillery, { consumption.....	25 days
		M. 44, { morbus Brightii.....	4 months		
		{ anasarca.....	5 weeks		

**DEATHS BY SMALL POX, TYPHUS, ETC., SYPHILIS, HEMORRHAGE, MALFORMATION, WERNIA, DIABETES, STONE, CHILDBIRTH, DELIRIUM TREMENS, INTEMPERANCE, PRIVATION, ETC.**

<i>Small Pox, &amp;c.:</i> —	<i>duration</i>	<i>Syphilis:</i> —	<i>duration</i>	<i>Childbirth:—(continued.)</i>	<i>duration</i>
F. 1, { small pox.....	10 days	M. 13 wks., syphilis.....	*	F. 23, puerperal fever.....	*
{ vaccinated successfully 2 days previous		<i>Hæmorrhage:</i> —		F. 19, { delivery.....	7 days
{ to eruption.	*	M. 81 (inquest—post mort.), natural—rupture	*	{ peritonitis.....	6 days
F. 4, small pox, confluent (it should have been	*	of a blood-vessel of the heart—found dead	*	F. 31, phlegmasia dolens.....	4 days
stated whether vaccination was performed)	*	in bed.	*	F. 29, exhaustion from abortion—hæmorrhage.....	*
M. 8 mon., small pox (unsuccessfully vaccinated	*	M. 60 (inquest), natural death from rupture of	*	F. 32, puerperal peritonitis.....	7 days
3 months ago)	*	a bloodvessel.....	sudden	F. 27, puerperal mania.....	4 days
M. 1, small pox (natural—no medical attendant)	9 days	F. 5 (inquest), natural death—exhaustion from	*	F. 22, { delivery.....	12 days
{ small pox.....	10 days	the rupture of a bloodvessel of the bowels,	*	{ puerperal fever.....	6 days
M. 32, { vaccinated when a child at Rowland		but not resulting from a fall.....	*	{ childbirth.....	6 days
{ Hill's—took well		M. 50, gradual decay of the vital powers—rup-	*	F. 29, { hysteritis.....	2 days
F. 33, small pox (natural).....	9 days	ture of a bloodvessel.....	*	{ puerperal peritonitis.....	2 days
See Returns of Small Pox Hospital.		<i>Purpura and Epistaxis:</i> —		<i>Uteritis:</i> —	
<i>Vaccination:</i> —		F. 10, { purpura.....	4 days	F. 25, uteritis.....	3 days
F. 6 mon., vaccination.....	3 weeks	{ epistaxis, violent.....	*	Query—did this occur in childbirth?	
<i>Typhus, &amp;c.:</i> —		<i>Malformation:</i> —		<i>Phthisis and Childbirth:</i> —	
F. 53, typhus.....	12 days	M. 4 days, rectum imperforatum.	*	F. 38, { phthisis.....	2 years
F. 1, fever.....	17 months	F. 4 mon., spina bifida.	*	{ delivered of twins.....	9 weeks previous to death
F. 40, { fever.....	12 days	{ congenital malformation.	*	<i>Delirium Tremens:</i> —	
{ ulceration of intestines.....	2 days	M. 5 days, { anus imperforatus.	*	F. 67, delirium tremens.....	14 days
F. 78, fever.....	*	{ operation performed.....	*	F. 27, delirium tremens.....	5 days
F. 31, fever.....	*	<i>Imperfect development:</i> —		F. 34, delirium tremens.....	14 days
F. 27, typhus.....	*	M. 12 days, congenital imperfection of the heart.	*	F. 42, delirium tremens.....	*
F. 36, febris.....	3 weeks	<i>Curvature of Spine:</i> —		<i>Bronchitis and Delirium Tremens:</i> —	
F. 4, { febris.....	2 weeks	F. 7, { spinal curvature.....	— years	F. 63, { bronchitis.....	some years
{ meningitis.....	6 days	{ convulsions.....	6 hours	{ delirium tremens.....	4 days
F. 67, febris continua.....	*	<i>Hernia:</i> —		<i>Intemperance:</i> —	
F. 22, typhus.....	20 days	F. 76, { hernia.....	20 years	No deaths registered from this cause.	
F. 2, fever.....	2 weeks	{ strangulated.....	60 hours	<i>Privation:</i> —	
F. 54, fever—convulsions.....	*	F. 74, { hernia.....	*	M. 1, { exposure to cold.	
M. 5, { fever.....	13 days	{ strangulated.....	4 days	{ pneumonia.....	10 days
{ effusion into the ventricles of the		See Returns of St. George's Hospital.		<i>Miscellaneous Causes:</i> —	
{ brain.		<i>Diabetes, Stone:</i> —No deaths registered from these		M. 26, { phthisis.....	4½ years
F. 21, typhoid fever.....	1 month	causes.		{ colica pictorum.....	1 year, 7 months
F. 15, low fever.....	10 days	<i>Childbirth:</i> —The time elapsing from commencement		{ diarrhoea.....	1 month
F. 6 wks., typhoid fever—imperfect digestion	*	of labour to death should invariably be returned.		M. 2, { pyrexia.....	2 days
F. 2, typhus fever.....	*	F. 25, { childbirth.....	9 weeks	{ phlegmonous erysipelas of parotid.	*
F. 57, { paralysis of bladder.....	1 year	{ puerperal fever.....	1 month	{ abscess opened on the 5th day of illness	7 days
{ hæmaturia.....	1 week	F. 18, { childbirth.....	2 weeks	{ rupture of aorta.....	*
F. 35, { typhus.....	1 week	{ puerperal peritonitis.....	10 days	M. 54, { valvular hypertrophy of heart.....	5 months
{ inflammation of the lungs.....	*	F. 26, puerperal fever.....	12 days	{ pulmonary apoplexy.....	7 days
F. 63, typhus fever.....	6 days	F. 28, { childbirth.....	6 days	{ pleurisy.....	3 or 4 days
F. 35, typhus fever.....	6 days	{ peritonitis.....	4 days	{ cirrhosis of liver.	*
F. 11, { fever.....	14 days	F. 23, { childbirth.....	7 days	F. 6 mon., { hydrocephalus, acute.....	5 days
{ enteritis.....	5 days	{ peritonitis.....	5 days	{ had occasional fits from suppres-	
F. 8, fever.....	21 days	F. 38, { childbirth.....	10 days	{ sion of urine.....	for some time
F. 5, { fever.....	6 weeks	{ puerperal fever.....	8 days	M. 15, { tuberculated liver.....	5 years
F. 43, typhus fever.....	9 days	F. 30, uterine hæmorrhage—low fever.....	*	{ dropsy.....	6 months
60, typhus fever.....	6 weeks	F. 21, { childbirth.....	*	{ scarlatina maligna—anasarca of whole	
63, typhus fever.....	11 days	{ puerperal peritonitis.....	5 days after delivery	{ body.....	20 days
F. 69, typhoid fever.....	5 days	F. 17 (inquest), natural death in childbed, from	*	F. 4, { enormous granular swellings, and ery-	
F. 77, fever.....	8 days	exhaustion.....	*	{ sipelatos inflammation of face and	
F. 10, fever.....	8 days	F. 33, puerperal mania.....	3 days	{ neck.	*
See Hospital Returns.		F. 38, exhaustion, consequent on uterine hæ-	*	M. under 1, hydrocele—sympathetic fever.....	*
<i>Remittent Fever:</i> —		morrhage, which took place previous to		F. 40 (post mort.), disease of the stomach,	
10 mon., remittent fever—effusion on the	*	delivery.....	6 days	{ accompanied with gallstones.....	many years
brain.....	*				
<i>Infantile Fever:</i> —					
1, infantile fever.....	14 days				

In the return for week ending March 27th, causes of deaths were—

(1) Certified by written statement of Medical Attendant in.....	873 cases.
(2) Attested by Coroner, or stated by him to be not ascertainable, in.....	102 "
(3) Stated to have been without Medical Treatment in.....	14 "
(4) Not certified in.....	40 "

TOTAL...1029

Deaths under 1st and 2nd heads show a proportion to the total number of nearly 95 per cent. Besides the 14 cases enumerated above, two which had no Medical attendance, are included under the 2nd head; and it is probable that more are included under that and the 4th heads.

ANALYSIS OF CASES IN WHICH INQUESTS WERE HELD.—Violence, 59; apoplexy, 8; disease of the heart, 1; œdema of glottis, 1; childbirth, 1; other specified cases, 16; "natural death," "visitation of God," "found dead," &c., 16.—TOTAL, 102 cases.

THE NUMBER OF CASES IN WHICH IT IS RECORDED THAT A POST MORTEM EXAMINATION WAS HELD, IS 37.

METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH,

During the Week ending Saturday, 3rd April, 1847.

Day.	—	Phases of the Moon	Mean height of the barometer, from 12 Observations, (corrected and reduced to 32 degrees Fahrenheit.)	Readings of Thermometers										Difference between the mean Dew Point Temperature and Air Temperature			Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 25 years	WIND					Mean Amount of Cloud, 0—10	Rain in inches, read at 9 o'clock the next morning
				Dry			Dew Point from 12 Rite	Highest in the sun, as shown by a self-register- ing Thermometer	Lowest on the grass, as shown by a self-register- ing Thermometer	In the Water of the Thames at Greenwich, by the self- registering Thermometer, read at 9 o'clock next morning		Mean of 12 Diff.	Greatest	Least	General Direction			Pressure in lbs. on the square foot		Amount of Horizontal Movement of the Air in each day				
				High- est from 12 Obs.	Low- est from 12 Obs.	Mean from 12 Obs.				Mean from 12 Rite	Highest				Lowest	A.M.		P.M.	Greatest		Least	Mean of 12 Obs.		
MARCH			in.	°	°	°	°	°	°	°	°	°	°	°			lbs.	lbs.	lbs.	Miles				
SUN.	28							67°0	25°2	47°0	47°0					Calm	W.S.W. and N. by E.	4°5	0°0	0°5	145	10°0	0°39	
MON.	29	Apogee.	29°584	44°4	33°1	37°6	31°4		23°3	47°0	46°2	6°2	13°1	3°1	— 6°1	W.	N.W.	3°5	0°0	0°1	85	6°6	0°08	
TUES.	30	In Equator.	29°547	43°7	31°0	37°4	30°1	53°0	16°8	46°2	46°0	7°3	16°1	1°4	— 6°6	W.	S.W.	0°1	0°0	0°0	20	4°8	0°00	
WED.	31	Full	29°370	43°5	28°0	35°8	30°5	60°5	21°5	45°5	45°0	5°3	13°1	0°6	— 7°0	Calm and E.	N.N.E. and Calm	0°1	0°0	0°0	25	5°0	0°00	
APRIL THU.	1		29°240	41°5	31°5	36°7	31°5	58°0	19°0	44°3	44°3	5°2	8°1	2°0	— 6°7	Calm and S.S.W.	S.W.	2°8	0°0	0°1	85	9°1	0°04	
FRI.	2		[Good Friday.]					61°5	25°0	44°5	44°0					S.W. and N. by W.	N.N.W.	1°7	0°0	0°1	85	7°0	0°00	
SAT.	3		29°262	42°4	32°5	36°6	30°2	51°0	25°5	43°8	43°5	6°4	13°1	2°0	— 8°5	N.N.W. and W.N.W.	N. by W. W. by S.	2°0	0°0	0°4	125	9°0	0°04	
MEANS			29°401	43°1	31°2	36°8	30°7	58°5	22°3	45°5	45°1	6°1	12°7	1°8	— 7°0	†					Sum 570	74	Sum 0°55	

DAY	ELECTRICITY	Circumstances accompanying the exhibition of Electricity	GENERAL REMARKS
SUN.	Negative and tension strong at each examination.	} See General Remarks.	The sky was overcast throughout the day with cirrostratus and scud. Rain was falling generally.
MON.	Positive and weak till 1h. 30m. p.m., except at 9h a.m., when it was very active. From 3h. 30m. till 6h. p.m., strong negative electricity was shewn, with frequent sparks, and galvanic currents. From 9h. p.m. till midnight positive with moderate tension.	} See General Remarks. Rain was falling. } See General Remarks.	The amount of cloud was variable till 5h. 30m. a.m.; from that time till 11h. a.m. the sky was overcast, and very variable afterwards till midnight. Rain began to fall at 2h. 30m. p.m., and continued falling at intervals till 9h. p.m.
TUES.	Positive and tension moderate throughout the day. The max. occurred at 11h. p.m.	} See General Remarks.	The sky was nearly cloudless till 6h. a.m.; one-half was covered till 11h. a.m.; nearly overcast afterwards till 5h. p.m., and variable from that time till midnight.
WED.	Positive and tension strong throughout the day. The tension was nearly the same at every observation.	} See General Remarks.	The sky was cloudless till 9h. a.m., and with slight exceptions was overcast during the remainder of the day.
THURS.	Positive but very weak till 5h. a.m. Positive and tension strong throughout the remainder of the day, except at about 3h. p.m., and from 5h. 40m. till 5h. 55m. p.m., when it was negative and very active.	} See General Remarks.	With the exception of a few small breaks that occurred between 1h. and 3h. a.m., the sky was overcast till 9h. a.m.; from that time till 5h. 30m. p.m. the amount of cloud was variable. Overcast afterwards till midnight.
FRID.	The electricity was positive at each examination.	} See General Remarks.	Overcast till 10h. a.m.; from that time till 9h. p.m. about one-half of the sky was covered; overcast afterwards till midnight. At 5h. p.m. a shower of hail and sleet fell, and at 10h. p.m. a shower of rain.
SAT.	Positive and tension strong till 9h. a.m. Positive and weak throughout the remainder of the day, except at 7h. p.m., when it was negative, and sparks were shewn.	} See General Remarks.	The sky was overcast till 6h. a.m.; cloudless from that time till 5h. a.m., and with the exception of a small break that occurred at 9h. p.m., overcast till midnight. From 5h. 30m. till 8h. 40m. p.m. frequent squalls of snow, rain, and hail occurred. The magnets were disturbed during the evening.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The amount of clouds is estimated by considering a clear sky to be represented by 0, a cloudy sky by 10; and when partially cloudy by estimating the number of tenths of the whole sky covered with cloud. The observations are taken every two hours, day and night.

The readings of the two self-registering thermometers, the one placed in the full rays of the sun, and the other placed on grass fully exposed to the sky, are taken every morning at 9 A.M., and therefore exhibit the highest and lowest readings respectively, that have occurred in the previous 24 hours. They are, however, placed here opposite to the civil day which precedes that on which the thermometers are read.

Whewell's anemometer (from the indications of which the estimation of horizontal movement is made) is read at 10 A.M., and the result given is for the 24 hours preceding. It is placed here opposite to the civil day, which precedes that on which the anemometer is read.

The average temperature for 25 years is furnished by Mr. Henry, Assistant at the Royal Observatory, from the observations made at his residence in the neighbourhood of Greenwich Park.

• In reading the 16th column, it will be borne in mind that + is read "higher," and — "lower," than the average.

The temperature of the water of the Thames is ascertained by the use of a self-registering thermometer, suspended from the side of the Dreadnought Hospital Ship, at the depth of about 2 feet below the surface. The readings of this instrument are registered under the superintendence of Lieutenant Sanders, R.N., Superintendent of the Dreadnought. The mean reading of a thermometer placed on the mainmast, and read each day at 6h. 30m. A.M., was 31°8; and the mean reading at 7h. 30m. P.M., was 37°1; the mean readings at the Royal Observatory for the same times were 31°3 and 35°9 respectively.

† The mean direction of the wind for the week was variable.

# A TABLE OF Births and Deaths registered in London, During the Week ending Saturday, April 10th, 1847.

ANNUAL SERIES VIII.]

PUBLISHED BY AUTHORITY OF THE REGISTRAR GENERAL.

[No. 15]

Causes of Death	Age			Total	Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population 5 Springs	Causes of Death.	Age			Total	Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population 5 Springs
	0 to 15	15 to 60	60 and upwards				0 to 15	15 to 60	60 and upwards		
ALL CAUSES.....	431	371	249	1051	914	IV.—Laryngitis .....	2	5	..	5	1
SPECIFIED CAUSES .....	431	370	248	1049	909	Quinsey .....	..	..	1	1	1
I.—Zymotic (or Epidemic, Endemic, and Contagious) Diseases.....	130	28	16	174	166	Bronchitis .....	20	23	38	81	21
SPORADIC DISEASES—						Pleurisy .....	2	2	2	6	2
II.—Dropsy, Cancer, and other Diseases of uncertain or variable Seat .....	55	25	18	98	99	Pneumonia .....	45	18	9	72	63
III.—Diseases of the Brain, Spinal Marrow, Nerves and Senses ..	101	38	35	174	158	Hydrothorax .....	..	1	1	2	5
IV.—Diseases of the Lungs, and of the other Organs of Respiration ..	93	172	79	344	275	Asthma .....	..	3	17	20	14
V.—Diseases of the Heart and Blood-vessels .....	4	22	21	47	29	Phthisis (or Consump- tion) .....	21	112	5	138	152
VI.—Diseases of the Stomach, Liver, and other Organs of Digestion ..	39	36	12	87	70	Disease of Lungs, &c. ....	3	10	6	19	15
VII.—Diseases of the Kidneys, &c. ....	..	10	3	13	8	V.—Pericarditis.....	..	2	..	2	2
VIII.—Childbirth, Diseases of the Uterus, &c. ....	..	12	1	13	10	Aneurism .....	..	2	..	2	.8
IX.—Rheumatism, Diseases of the Bones, Joints, &c. ....	2	10	4	16	8	Disease of Heart, &c. ....	4	18	21	43	27
X.—Diseases of the Skin, Cellular Tissue, &c. ....	2	..	2	4	2	VI.—Teething.....	11	..	..	11	14
XI.—Old Age .....	..	..	54	54	57	Gastritis .....	..	2	..	2	13
XII.—Violence, Privation, Cold and Intemperance .....	5	17	3	25	28	Enteritis .....	3	4	1	8	3
I.—Small Pox .....	15	1	..	16	15	Peritonitis .....	..	5	..	5	10
Measles .....	11	1	..	12	23	Tabs Mesenterica.....	19	..	..	19	.6
Scarlatina .....	15	1	..	16	24	Worms .....	..	..	..	..	1
Hooping Cough .....	46	..	..	46	39	Ascites .....	..	1	1	2	2
Croup .....	4	..	..	4	8	Ulceration (of Intestines, &c.).....	..	1	..	1	2
Thrush .....	6	..	..	6	4	Hernia .....	..	4	3	7	2
Diarrhoea.....	4	1	5	10	7	Colic or Hæm. ....	..	1	..	1	3
Dysentery .....	1	..	1	2	1	Intussusception .....	2	..	..	2	.8
Cholera .....	..	..	..	..	.6	Stricture (of the Intestinal Canal) .....	..	..	1	1	.4
Influenza .....	..	..	4	4	2	Hæmatemesis .....	..	1	2	3	.9
Ague .....	..	1	..	1	.4	Disease of Stomach, &c. ....	2	8	..	10	5
Remittent Fever.....	1	..	1	2	.8	Disease of Pancreas .....	..	..	..	..	..
Typhus .....	20	20	3	43	34	Hepatitis .....	..	2	..	2	2
Erysipelas .....	4	2	2	8	6	Jaundice .....	2	..	1	3	2
Syphilis .....	3	1	..	4	1	Disease of Liver, &c. ....	..	7	3	10	9
Hydrophobia .....	..	..	..	..	..	Disease of Spleen.....	..	..	..	..	.1
II.—Hæmorrhage .....	..	3	..	3	3	VII.—Nephritis.....	..	..	..	..	.6
Dropsy .....	2	4	8	14	26	Ischuria .....	..	..	..	..	.1
Abscess .....	2	..	..	2	2	Diabetes .....	..	2	..	2	.4
Noma .....	..	..	..	..	..	Cystitis .....	..	..	..	..	.4
Mortification .....	1	..	2	3	4	Stone .....	..	..	..	..	.5
Purpura .....	..	..	..	..	.4	Stricture (of the Urethra) ..	..	1	..	1	.9
Scrofula .....	6	3	..	9	4	Disease of Kidneys, &c. ....	..	7	3	10	6
Cancer .....	..	4	4	8	12	VIII.—Childbirth .....	..	10	..	10	7
Tumour .....	..	..	..	..	.6	Paramenia .....	..	..	..	..	.2
Gout .....	..	1	1	2	1	Ovarian Dropsy .....	..	..	..	..	.6
Atrophy .....	16	1	..	17	11	Disease of Uterus, &c. ....	..	2	1	3	2
Debility .....	18	3	..	21	21	IX.—Arthritis .....	..	..	..	..	.1
Malformations .....	4	..	..	4	2	Rheumatism .....	..	8	3	11	3
Sudden Deaths (including Coroners' Inquests, in which it is not shown from what diseases or causes the persons died.)	6	6	3	15	12	Disease of Joints, &c. ....	2	2	1	5	4
III.—Cephalitis .....	10	2	1	13	12	X.—Carbuncle .....	..	..	..	..	.1
Hydrocephalus .....	40	..	..	40	38	Phlegmon .....	1	..	..	1	.2
Apoplexy .....	2	9	17	28	22	Ulcer .....	1	..	2	3	.5
Paralysis.....	1	10	12	23	18	Fistula.....	..	..	..	..	.3
Convulsions.....	45	..	..	45	49	Disease of Skin, &c.....	..	..	..	..	.6
Tetanus .....	..	1	..	1	.4	XI.—Old Age .....	..	..	54	54	57
Chorea .....	..	..	..	..	.1	XII.—Intemperance .....	..	..	..	..	.9
Epilepsy .....	..	6	1	7	5	Privation.....	..	1	1	2	.3
Insanity .....	..	1	..	1	1	Violent Deaths .....	5	16	2	23	27
Delirium Tremens.....	..	3	..	3	2	Causes not Specified.....	..	1	1	2	5
Disease of Brain, &c. ....	3	6	4	13	11						

Weekly Average derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population	5 Springs.		Deaths registered in the Week	{	Males .....	527	Births registered in the Week	{	Males .....	776
	Males .....	468			Females .....	524			Females .....	713
	Females .....	446			Total.. 1051				Total.. 1489	
Deaths registered in this the second week of the second quarter, and in each of the corresponding weeks of the same quarter of the seven preceding years:—										
(1840)	(1841)	(1842)	(1843)	(1844)	(1845)	(1846)	(1847)	(average of the series of weeks, exclusive of the last) 867		
901	863	837	831	870	906	864	1037			
Deaths in the districts added in 1847..... 14										

NOTE.—The above return contains births and deaths which occurred in the sub-district of Hampstead; and in the sub-districts of Plumstead and Charlton, Lee, Lewisham, Eltham, and Sydenham, added at the commencement of this year for the first time. The increase which arises from these additional returns amounts, for the present week, to 19 births and 14 deaths.  
The mortality of Wandsworth and Clapham was added to the Weekly Returns for London in 1844. In this comparison, a correction is made for this District, at the corresponding weeks of the four preceding years.

# DISTRICTS OF LONDON, Comprising 135 Registrars' Districts.

	Area in square Miles	Population Enu- merated in 1841	Weekly Average derived from Deaths of 1842-6, and corrected for increase of Population	DEATHS registered in the Week	BIRTHS registered in the Week
			5 Springs		
WEST DISTRICTS { Kensington; Chelsea; St. George, Hanover-square; Westminster; St. Martin } NORTH DISTRICTS { in the Fields; St. James } CENTRAL DISTRICTS { St. Giles and St. George; Strand; Holborn; Clerkenwell; St. Luke; East } EAST DISTRICTS { London; West London; City of London } SOUTH DISTRICTS { Shoreditch; Bethnal Green; Whitechapel; St. George in the East; Stepney; } { Poplar } { St. Saviour; St. Olave; Bermondsey; St. George, Southwark; Newington; Lambeth; } { Wandsworth and Clapham; Camberwell; Rotherhithe; Greenwich; Lewisham }	17.2 20.5 2.8 8.8 66.2	301,326 376,396 374,759 393,247 502,483	141 175 168 191 239	172 184 184 219 292	197 273 242 364 413
TOTALS .....	115.5	1,948,211	914	1051	1489

Births and Deaths not caused by Violence, registered in the Metropolis in the last 13 weeks, with the Mean Temperature for the same periods.

	16th Jan.	23rd Jan.	30th Jan.	6th Feb.	13th Feb.	20th Feb.	27th Feb.	6th Mar.	13th Mar.	20th Mar.	27th Mar.	3rd April	10th April
BIRTHS .....	1457	1334	1525	1326	1364	1389	1478	1390	1435	1517	1376	1313	1489
DEATHS (except from Violence) .....	1261	1211	1129	1083	1131	1225	1022	974	1010	1086	965	949	1028
Deaths (except from Violence) at 60 yrs. & upwards .....	368	320	337	291	322	341	274	249	267	301	237	244	247
Bronchitis .....	152	172	159	111	127	134	112	86	103	90	84	73	81
Pneumonia .....	128	118	126	114	116	125	83	97	65	77	72	57	72
Asthma .....	56	67	44	36	50	61	31	29	27	42	23	25	20
Mean Temperature .....	32.2	32.6	41.7	34.8	25.6	45.7	35.8	37.9	35.7	48.8	46.6	36.8	47.9

## EXTRACTS FROM THE METROPOLITAN RETURNS OF THE PREVIOUS WEEK, No. 14.

(The tabular abstract on the first page is for the week ending Saturday, April 10th. The following selection of cases is made from the returns for the week ending April 3rd.)

NOTE.—M. or F. at the beginning of an entry indicates sex; the numerals which follow, mark the age at death, in years, except when otherwise stated. The italics at the end of an entry shew the duration of illness; and when the place is supplied by an asterisk (\*), the Coroner, Medical Practitioner, or other Informant, has not been able to ascertain, or has omitted to state the time in which the person has been subject to the disease or injury which has proved fatal. It should invariably be stated that duration of illness could not be ascertained, when this is the case.

### RETURNS OF VIOLENT DEATHS, MADE CHIEFLY BY CORONER.

NOTE.—The cases of violence not returned by the Coroner, have the words "no inquest."

Fractures and Contusions:—	duration	Drowning:—	duration	Burns and Scalds:—	duration
Wife of a shoemaker, 37, fracture of the skull, and laceration of the brain, from falling down stairs in the dark, while intoxicated. ....	instant	F. cook, 23, drowned herself, in a state of mind unknown.		In Westminster Hospital, daughter of a labourer, 3, (post mort.), burns of the face and arms—clothes took fire from a fire in the grate unguarded, when left alone. ....	2 days
F. 76, natural death accelerated by a fall. ....	3 days	Medical man, 49, (post mort.) drowning—not known how he came into the water.		Physician, 62, burns of the back and limbs—seized with giddiness, and fell against the fire in his drawing room. ....	17 hours
M. 32, accidental death by a fall down stairs causing bruises—delirium tremens supervened. ....	*	Seaman, 17, drowned by falling out of a boat into the River Thames—underwater 16 days.		Son of a turner, 5, burn of chest and belly from clothes taking fire—supposed to have occurred when playing with lighted paper. ....	12 days
M. 43, accidental death by a fall down a ship's hold, fracturing head and neck. ....	*	Steward in a steamboat, 43, drowned in the River Thames—how unknown—under water 4 hours.		F. 9, burnt by her pinafore taking fire, from a spark flying out of the fire. ....	12 days
F. 75, accidental death from a fall, and injury of the arm. ....	5 weeks	Single woman, about 25, found dead, without mark of violence, in the River Thames at Bermondsey—drowned, in water 4 weeks and 2 days.		M. 7, accidental death from burns by the clothes taking fire. ....	*
Son of a coachman, 10, compression of the brain by a fall from a tree accidentally. ....	11 hours	F. 24, found drowned in the Grand Surrey Canal.		F. 8 months, accidentally burnt from her clothes taking fire. ....	3 hours
F. 74, { fracture of the neck of the thighbone 6 months (no inq.) } debility.				Daughter of a carpenter, 5, burn on her face and arms from her clothes accidentally taking fire. ....	3 days
Query—by a fall?		Hanging and Suffocation:—		Wife of a coachmaker's labourer, 77, inflammation of chest from a burn on the back, caused by accidentally falling against the fire in the grate. ....	21 days
F. 2, (no inquest) phlebitis from a fall. ....	1 week	M. 44, hanged himself, in a temporary state of derangement of mind.		Son of a labourer, 3, accidental, from scalds by drinking boiling water from a tackettle. ....	23 hours
Seaman, 30, from the effects of an accidental fall. ....	*	Jobbing upholsterer, 45, hung himself with a rope to a staple in the wall of the wash-house—suspended about 3 minutes—temporary insanity. ....	lived about 6 hours	M. 29, natural death, which may have been accelerated by scalds, but how caused unknown.	*
Into a ship's hold? or in what other place and circumstances?		M. 24, hanged himself in temporary insanity with a neckerchief looped over a partition in a privy—when found supposed to have been dead 11 hours.		Daughter of a whitesmith, 8 months, scald of the legs from pulling down a coffee-pot from a hob, while in the lap of a boy by the fire. ....	6 days
Wife of a bricklayer, 74, mortal injuries and fracture of the neck by falling down stairs accidentally. ....	10 hours	F. servant, 20, suicide by hanging—state of mind not certainly known.		Daughter of a labourer, 6, scald of the back from sitting on a fender, and catching the spout of a kettle on the hob with her pinafore string. ....	8 days
In University College Hospital, carpenter, 34, falling in of brick arches of a warehouse from the frost and snow deranging the cement. ....	2 hours	Dust-sifter, 19, suffocation from the fall of a dust heap during a thaw, while shovelling—dug out in ten minutes dead.		Son of a porter to a laundress, 2, scalds of the back and nates from stepping backward into a pot of soapuds. ....	*
In King's College Hospital, carpenter, 67, (post mort.) fractured ribs perforating pleura and lung—fell against and was struck by the wheel of a hackney cabriolet drawn by one horse, when crossing the carriage-road in Long Acre. ....	4 days	M. 39, suffocation during eating. ....	sudden		
Carmen, 50, internal injuries—knocked down and run over by a coal-cart drawn by one horse which he was driving (when endeavouring to stop the horse which took fright). ....	instant	M. 40, accidental suffocation—stoppage of the throat by a piece of roast beef. ....	*	Poison:—	
Greengrocer, 59, (post mort.) fractured ribs and lacerated lung from having been knocked down in the New Kent-road, by a vehicle driven by some person unknown. ....	43 hours	F. domestic servant, 23, (p.m.) inhaling carbonic acid from the burning of charcoal, incautiously placed by her in her bed-room—when found, supposed to have been dead about 6 hours.		Lady, (single) 22, prussic acid taken in a mixture prepared by a chemist from a prescription ordering the water of bitter almonds.	
In Westminster Hospital, coal and coke vender, 31, (post mort.) secondary abscess, and irritative fever, following injury of the right arm—no evidence how caused. ....	93 days	M. 26, asphyxia—fell into the water when descending a ladder in well on becoming insensible from the effect of the impure air of the well—under water 30 minutes.		Labourer, 40, died from an excessive draught of rum imbibed into his stomach accidentally (?) without any intent to destroy life.	*
The two following returns are defective as not shewing how the injury was caused.		Daughter of a servant, 4 days, (post mort.) congestion of the lungs and brain, whether from natural causes, or breathing foul air under the bed clothes, not ascertainable.		Wilful Neglect:—	
In St George's Hospital, { contusion of back } * { epilepsy } .....	*	Son of a carpenter, 8 weeks, convulsions by being accidentally turned on his face in bed—found dead in bed.		M. newly born, loss of blood at the birth, and so wilfully murdered by a person unknown; found in water (as indicated by Registrar's note.)	
M. 70 { contused side } .....	1 year	M. 1 month, natural—accidentally suffocated in bed.		F. about 3 weeks, pneumonia—whether natural or from wilful exposure unknown.	
(no inq.) { catarrh } .....	10 months	M. 2 months, found dead in bed—supposed to have been overlaid.			
Wounds:—		Son of a cooper, 36 hours, accidentally suffocated by the bed clothes when the mother was asleep.			
Cutter at an eating-house, 45, phthisis, after attempting suicide with a razor. ....	*				

NOTE.—A man aged 47 years died of tetanus in 14 days. Whether traumatic or otherwise, and other important circumstances should have been stated.

**FOURTEEN HOSPITALS.—CAUSES OF DEATHS (NOT VIOLENT) AS RETURNED BY THE MEDICAL OFFICERS.**

NOTE.—Deaths in hospitals from fractures, wounds, burns, scalds, poison, are not contained in this list. See deaths by violence.

<i>St. George's H.:</i>	<i>duration</i>	<i>University College H. (continued):</i>	<i>duration</i>	<i>London H.:</i>	<i>duration</i>
M. 15, {periostitis ..... 27 weeks (p.m.) {amputation ..... 16 days secondary abscess of lungs ..... 8 days congestion of the brain ..... 11 days dilatation of the heart.		M. 37, morbus cordis—pericarditis—emphy- sema—acute bronchitis—morbus hepatis— ascites .....		M. 73 (post mort.), gangræna senilis ..... 3 weeks	
M. 39, {extensive urinous cysts in the left (p.m.) {kidney ..... probably 3 years bony deposit in aorta.		M. 35, bronchitis—morbus cordis—anasarca ..		M. 20, consumption ..... 7 months	
F. 56, gangræna senilis—pneumonia .....		<i>See Violent Deaths.</i>		M. 30, {morbus Brightii ..... 10 months anasarca ..... 6 months	
<i>See Violent Deaths.</i>		<i>Small Pox H.:</i>		<i>St. Thomas' H.:</i>	
<i>Westminster H.:</i>		M. 13, small pox, natural, confluent ..... 11 days		M. 38, albuminuria—diseased liver .....	
M. 6, arachnitis ..... 21 days		<i>Fever H.:</i>		M. 49, {diseased heart ..... *	
M. 51, febris—pleuro-pneumonia .....		F. 17, {cerebritis ..... 8 days (p.m.) {softening of the fornix ..... *		{dropsy ..... 3 months	
<i>See Violent Deaths.</i>		<i>King's College H.:</i>		<i>Guy's H.:</i>	
<i>Charing Cross H.:</i>		M. 34, disease of the heart ..... some years		M. 55 (post mort.), malignant ulcer of larynx, 3 months	
M. 28 (post mort.), necrosis of the sternum— pleuro-pneumonia .....		M. 29, pneumonia ..... 2 weeks		M. 37 (post mort.), renal phlebitis—anasarca ..	
<i>Middlesex H.:</i>		<i>See Violent Deaths.</i>		M. 20, {miliary tubercles ..... *	
F. 35, {tubercular meningitis (in third month of pregnancy) ..... *		<i>St. Bartholomew's H.:</i>		(p.m.) {bronchitis and pneumonia ..... 5 weeks	
{phthisis ..... *		M. 32, delirium tremens .....		M. 18, semiconfluent small pox—coma ..... 11 days	
<i>University College H.:</i>		F. 26, erysipelas .....		<i>Query, vaccinated?</i>	
M. 55 (inquest), extravasation of blood in the brain, produced by natural disease .....		F. 36, ulceration and sloughing of the mucous membrane of the bowels, and inflammation of the peritoneum .....		F. 27 (post mort.), phthisis—ulceration of in- testines, linings of bladder, and pelvis of kidney .....	
M. 55, {sanguineous apoplexy ..... 8 hours Bright's disease of the kidney .....				<i>Dreadnought H.:</i> —No deaths registered.	
				<i>Royal Ordnance H.:</i>	

DEATHS BY SMALL POX, TYPHUS, ETC., SYPHILIS, HÆMORRHAGE, MALFORMATION, HERNIA, DIABETES, STONE, CHILDBIRTH, DELIRIUM TREMENS, INTEMPERANCE, PRIVATION, ETC.

<i>Small Pox:</i>	<i>duration</i>	<i>Hæmorrhage (continued):</i>	<i>duration</i>	<i>Intemperance:</i>	<i>duration</i>
F. 9 mon, {variola simplex ..... 21 days {bronchitis .....		M. 46 (inquest), natural death by the visitation of God—rupture of a vessel on the lungs, sudden		M. 40 (inquest), serous apoplexy during drunkenness; excitement and exposure to cold .....	
<i>Whether vaccinated should be mentioned in all cases.</i>		F. 70 (inquest), natural cause—probably the rupture of some vessel near the heart .... instantly		{not previously ill	
M. 18, confluent small pox ..... 10 days		M. 37 (inquest), natural death—rupture of a blood vessel of the thorax .....		F. 39 (inquest), disease of the brain—died dur- ing intoxication with gin—a drunkard.	
F. 6, {small pox ..... 14 days {first attack—never vaccinated.		M. 35 (inquest—post mort.), rupture of a blood- vessel in the chest .....		F. 57, {chronic hepatitis, &c. .... many years {inebrietas .....	
F. 1, small pox (not vaccinated) ..... 9 days				F. 46 (inquest), congestion of the brain from excessive drinking of spirituous liquors....	
M. 18 days, {small pox ..... 5 days {convulsions ..... 6 hours		<i>Malformation:</i>		<i>Privation:</i>	
<i>See Returns of Guy's and Small Pox Hospitals.</i>		F. 1, {pneumonia ..... *		F. 50 (inquest—post mort.), natural congestion of the brain accelerated by exposure to cold; sold sheep's feet in the street; found dead in her room.	
<i>Typhus, &amp;c.:</i>		F. 6 weeks, cyanosis ..... 3 weeks		<i>Want of Breastmilk:</i>	
M. convict at Woolwich, 23 (inquest), fever and bronchitis ..... 4 weeks		<i>Hernia:</i>		M. 10 days (post mort.), ileo-colitis; unable to take the breast ..... probably from birth	
M. 43, typhus fever—erysipelas ..... 10 days		M. 43 (inquest), died suddenly from stran- gulated hernia, the deceased being at the time of his death an idiot, and incapable of directing proper attention to his case ....		F. 12 weeks, want of breast milk .....	
F. 45, gastric fever ..... 3 weeks		M. 74 (inquest—post mort.), strangulated hernia ..... 48 hours		<i>Protracted Lactation:</i>	
M. 56, {fever ..... 4 days {diarrhœa ..... 1 day		M. 76, {hernia ..... 20 years {pleurisy ..... 4 days		M. 22 mon., protracted lactation; marasmus ..	
M. 29, fever ..... 3 days		F. 68, strangulated hernia .....		<i>Miscellaneous Causes:</i>	
M. 29, low nervous fever .....		M. 59, {inguinal hernia ..... *		In Westminster House of Correction, F., pris- oner, 56 (inquest, post mort.), natural rupture of the heart; found dead on the bed in her cell.	
F. 66, fever—bronchitis ..... 6 weeks		(p.m.) {strangulation ..... 4 days		M. 42, painter's colic ..... 4 days	
F. 79, {general debility ..... several years {fever ..... 3 weeks		<i>Diabetes:</i> —No deaths registered from this cause.		M. 43, chimney-sweeper's cancer of the stomach ..... 1 year	
M. 50, {fever ..... 10 days {jaundice ..... 4 days		<i>Stone:</i>		M. 35 (post mort.), carcinomatous disease of the lumbar glands, following an operation for carcinoma of the testicle performed....	
M. 39, fever—pleuritis ..... 7 days		M. 78, stone in the bladder—erysipelas .....		{previously	
F. 64, fever ..... 2 weeks				M. 75, {vertigo ..... 10 days {softening of the brain.	
F. 25, brain fever ..... 3 weeks		<i>Childbirth:</i> —The time elapsing from commencement of labour to death should invariably be returned.		M. 61, {vertigo ..... 8 days {coma ..... 3 days	
M. 34, fever—bronchitis .....		F. 19, abortion—flooding ..... *		{pneumonia ..... 5 days	
M. 11 mon., typhus fever ..... 7 days		F. 31, puerperal fever ..... 8 days		{chronic bronchitis ..... 4 years	
M. 76, fever, with cerebral congestion ..... 1 week		F. 31, {confinement ..... 6 days 6 hours {puerperal peritonitis ..... 5 days		M. 67, {hypertrophy of left ventricle; dilata- (p.m.) {tion of right ventricle and auricle, and aorta .....	
F. 8, {gastric fever ..... 2 months {effusion on the brain ..... 2 days		F. 27, puerperal peritonitis ..... 8 days		{nutmeg liver .....	
<i>See Westminster Hospital.</i>		F. 40, uterine hæmorrhage ..... 11 days		F. 43, cyanache parotidea ..... 4 weeks	
<i>Remittent Fever:</i>		F. 44, puerperal fever ..... 2 days		M. 63, stricture of the urethra; infiltration of urine into the scrotum and prepuce, causing gangrene .....	
1. 1, remittent fever ..... 1 month		F. 46, {syncope 1½ hour after delivery. (p.m.) {three tumours were found growing from the uterus.		F. 62 (post mort.), granulated broken down liver, with 12 oz. of purulent fluid in the right cavity of the chest, communicating by means of a small opening through the dia- phragm close to the spine .....	
<i>Syphilis:</i>		<i>Delirium Tremens:</i>			
6 weeks, syphilitic eruption—abscess .....		F. 42, delirium tremens ..... 3 days			
<i>Hæmorrhage:</i>		<i>See St. Bartholomew's Hospital; also Deaths by Falls.</i>			
36, {venous hæmorrhage from a rupture of the tibial veins ..... *					
{varicose ..... some years					
1. 40, rupture of a vessel .....					
F. 37 (inquest), rupture of a blood vessel—nat- ural death .....					
1. 32 (inquest), found dead—natural death from the rupture of a vessel internally ....					

ANALYSIS OF CASES IN WHICH INQUESTS WERE HELD.—Violence, 51; apoplexy, congestion of the brain, 19; intemperance 3 (see also violent deaths); rupture of vessels (not cerebral) 6; rupture of the heart, 1; disease of the heart, 16; indigestion, 1; exposure, 1 (see also violent deaths); other specified causes, 34; "natural causes," "visitation of God," "found dead," &c., 37.—TOTAL, 169 cases.

THE NUMBER OF CASES in which it is recorded that a POST MORTEM EXAMINATION was held, is 58.

METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH,

During the Week ending Saturday, 10th April, 1847.

Day.	Phases of the Moon	Mean height of the Barometer, from 12 Observations, (corrected and reduced to 32 degrees Fahrenheit.)	Readings of Thermometers										Difference between the Dew Point Temperature and Air Temperature			Difference between the mean temperature of the day, and the temperature of the same day on an average of 25 years	WIND							Mean Amount of Cloud, 9-10	Rain in inches, read at 9 o'clock the next morning																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
			Dry			Dew Point Mean from 12 Rts	Highest in the sun, as shown by a self-register- ing Thermometer	Lowest on the grass, as shown by a self-register- ing Thermometer	In the Water of the Thames at Greenwich, by the self- registering Thermometer, read at 9 o'clock next morning		Mean of 12 Diffs.	Greatest	Least	General Direction			Pressure in lbs. on the square foot			Amount of Horizontal Movement of the Air in each day																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
			High- est from 12 Obs.	Low- est from 12 Obs.	Mean from 12 Obs.				Greatest	Least				A.M.	P.M.		Greatest	Least	Mean of 12 Obs.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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DAY	ELECTRICITY	Circumstances accompanying the exhibition of Electricity	GENERAL REMARKS
SUN.	Positive with weak tension at each ex- amination.	} See General Remarks.	During the morning the greater part of the sky was covered with cirrostratus and scud. It was generally about one-half covered during the remainder of the day.
MON.	Nothing was shewn till 7h. a.m.; through- out the remainder of the day positive elec- tricity was shewn, with moderately strong tension. The maximum occurred at 7h. 20m. and 9h. 20m. p.m.	} See General Remarks.	The sky was mostly overcast till 4h. p.m., and about one-third covered with cloud during the remainder of the day. Rain was falling at intervals from 8h. a.m. till noon.
TUES.	Positive and weak till 5h. p.m., and also at midnight. From 8h. to 10h. p.m. strong negative electricity was shewn.	} See General Remarks. } Rain falling.	Overcast till 6h. a.m.; from that time till 2h. p.m. it was about one-half covered with cumuli and scud. Overcast during the remainder of the day. Rain was falling occasionally between 3h. and 5h. a.m., and from 8h. to 10h. p.m.
WED.	The electricity was positive throughout the day, but the tension was very variable, being sometimes strong, and at other times very weak.	} See General Remarks.	Nearly cloudless till 4h. a.m. Overcast throughout the remainder of the day, except at about 7h. p.m., when it was mostly clear. A faint lunar halo was seen at 3h. 50m. a.m. The magnets were disturbed during the evening.
THURS.	Nothing was shewn till 9h. a.m.; from that time till midnight positive and very weak.	} See General Remarks.	Overcast till 4h. p.m., and about one-third covered with cirrostratus and scud during the remainder of the day. A thin rain was falling between 3h. and 9h. a.m. From 8h. a.m. till midnight the wind was blowing with a constant pressure of from 3lbs. to 5lbs. on the square foot; at 11h. 15m. a.m. a gust of 11lbs. occurred; at 5h. 20m. p.m., a gust of 12lbs. occurred; and at 6h. 10m., a gust of 15lbs. occurred, which was the greatest during the day.
FRID.	Positive and weak throughout the day, except at 7h. 20m. a.m., and at 7h. 20m. and 9h. 20m. p.m.	} See General Remarks.	The sky was about one-half covered till 1h. a.m.; cloudless from that time till 5h. a.m., and the greater part was clouded throughout the remainder of the day. From 6h. a.m. till 6h. p.m. the wind was blowing with a constant pressure of from 3lbs. to 5lbs. on the square foot; at 8h. 30m. a gust of 8lbs. occurred, which was the greatest during the day.
SAT.	Nothing was shewn till 9h. a.m. Posi- tive with moderately strong tension throughout the remainder of the day. A max. occurred at 9h. 20m. a.m.	} See General Remarks.	With slight exceptions, the sky was cloudless till 9h. a.m.; from that time till noon about one- half was covered: overcast afterwards till 7h. 30m. p.m.; cloudless from that time till midnight. A few drops of rain fell during the afternoon.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The amount of clouds is estimated by considering a clear sky to be represented by 0, a cloudy sky by 10; and when partially cloudy by estimating the number of tenths of the whole sky covered with cloud. The observations are taken every two hours, day and night.

The readings of the two self-registering thermometers, the one placed in the full rays of the sun, and the other placed on grass fully exposed to the sky, are taken every morning at 9 a.m., and therefore exhibit the highest and lowest readings respectively, that have occurred in the previous 24 hours. They are, however, placed here opposite to the civil day which precedes that on which the thermometers are read.

Whewell's anemometer (from the indications of which the estimation of horizontal movement is made) is read at 10 a.m., and the result given is for the 24 hours preceding. It is placed here opposite to the civil day, which precedes that on which the anemometer is read.

The average temperature for 25 years is furnished by Mr. Henry, Assistant at the Royal Observatory, from the observations made at his residence in the neighbour-  
hood of Greenwich Park.

\* In reading the 16th column, it will be borne in mind that + is read "higher," and — "lower," than the average.

The temperature of the water of the Thames is ascertained by the use of a self-registering thermometer, suspended from the side of the Dreadnought Hospital Ship, at the depth of about 2 feet below the surface. The readings of this instrument are registered under the superintendence of Lieutenant Sanders, R.N., Superintendent of the Dreadnought. The mean reading of a thermometer placed on the mainmast, and read each day at 6h. 30m. a.m., was 44.3; and the mean reading at 7h. 30m. p.m., was 48.6; the mean readings at the Royal Observatory for the same times were 44.8 and 47.9 respectively.

† The mean direction of the wind for the week has been W. and W.S.W.

# A TABLE OF Births and Deaths registered in London, During the Week ending Saturday, April 17th, 1847.

ANNUAL SERIES VIII.]

PUBLISHED BY AUTHORITY OF THE REGISTRAR GENERAL.

[No. 16]

Causes of Death	Age			Total	Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population	5 Springs	Causes of Death.	Age			Total	Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population	5 Springs
	0 to 15	15 to 60	60 and upwards					0 to 15	15 to 60	60 and upwards			
ALL CAUSES.....	371	355	254	*981	914		IV.—Laryngitis .....	1	..	1	2	1	
SPECIFIED CAUSES .....	371	355	254	*981	909		Quinsey .....	1	..	..	1	1	
I.—Zymotic (or Epidemic, Endemic, and Contagious) Diseases.....	95	25	18	*139	166		Bronchitis .....	16	22	30	68	21	
SPORADIC DISEASES—							Pleurisy .....	1	3	2	6	2	
II.—Dropsy, Cancer, and other Diseases of uncertain or variable Seat .....	59	22	28	109	99		Pneumonia .....	37	10	10	57	63	
III.—Diseases of the Brain, Spinal Marrow, Nerves and Senses ..	91	40	36	167	158		Hydrothorax .....	..	2	1	3	5	
IV.—Diseases of the Lungs, and of the other Organs of Respiration ..	76	173	73	322	275		Asthma .....	..	7	16	23	14	
V.—Diseases of the Heart and Blood-vessels .....	5	27	22	54	29		Phthisis (or Consump- tion) .....	17	125	9	151	152	
VI.—Diseases of the Stomach, Liver, and other Organs of Digestion ..	31	24	14	69	70		Disease of Lungs, &c.....	3	4	4	11	15	
VII.—Diseases of the Kidneys, &c.....	1	6	2	9	8		V.—Pericarditis.....	..	5	3	8	2	
VIII.—Childbirth, Diseases of the Uterus, &c. ....	..	16	1	17	10		Aneurism .....	..	1	..	1	.8	
IX.—Rheumatism, Diseases of the Bones, Joints, &c.....	4	7	2	13	8		Disease of Heart, &c. ....	5	21	19	45	27	
X.—Diseases of the Skin, Cellular Tissue, &c. ....	2	2	1	5	2		VI.—Teething.....	10	..	..	10	14	
XI.—Old Age .....	..	..	54	54	57		Gastritis .....	..	..	..	..	..	
XII.—Violence, Privation, Cold and Intemperance .....	7	13	3	23	28		Enteritis .....	4	1	1	6	13	
I.—Small Pox .....	10	2	..	12	15		Peritonitis .....	..	3	..	3	3	
Measles .....	6	..	..	6	23		Tabes Mesenterica.....	12	..	..	12	10	
Scarlatina .....	12	..	..	12	24		Worms .....	1	..	..	1	.6	
Whooping Cough .....	32	..	..	32	39		Ascites .....	..	2	2	4	1	
Croup .....	3	..	..	3	8		Ulceration (of Intestines, &c.).....	..	..	..	..	2	
Thrush .....	5	..	..	5	4		Hernia .....	..	..	3	3	2	
Diarrhoea.....	11	..	4	15	7		Colic or Ileus .....	..	1	..	1	3	
Dysentery .....	..	3	1	*5	1		Intussusception .....	2	..	..	2	.8	
Cholera .....	..	..	..	..	.6		Stricture (of the Intestinal Canal) .....	..	1	..	1	.4	
Influenza .....	..	2	2	4	2		Hæmatemesis.....	..	..	..	..	.9	
Ague .....	1	..	..	1	.4		Disease of Stomach, &c. ....	2	3	3	8	5	
Remittent Fever.....	2	1	..	3	.8		Disease of Pancreas .....	..	..	..	..	..	
Typhus .....	8	15	6	29	34		Hepatitis .....	..	..	1	1	2	
Erysipelas .....	4	2	4	10	6		Jaundice .....	..	1	..	1	2	
Syphilis .....	1	..	1	2	1		Disease of Liver, &c. ....	..	12	4	16	9	
Hydrophobia .....	..	..	..	..	..		Disease of Spleen.....	..	..	..	..	.1	
II.—Hæmorrhage .....	..	..	..	..	3		VII.—Nephritis.....	..	..	..	..	.5	
Dropsy .....	1	5	13	19	26		Ischuria .....	..	..	..	..	.1	
Abscess .....	..	..	..	..	2		Diabetes .....	..	..	..	..	.4	
Noma .....	..	..	..	..	..		Cystitis .....	..	..	..	..	.4	
Mortification .....	..	..	1	1	4		Stone .....	..	..	..	..	.3	
Purpura .....	..	..	1	1	.4		Stricture (of the Urethra) ..	..	3	..	3	.9	
Scrofula .....	4	3	1	8	4		Disease of Kidneys, &c. ..	1	3	2	6	6	
Cancer .....	1	13	7	21	12		VIII.—Childbirth .....	..	10	..	10	7	
Tumour .....	..	..	..	..	.6		Parametria .....	..	..	..	..	.2	
Gout .....	..	..	1	1	1		Ovarian Dropsy .....	..	5	..	5	.6	
Atrophy .....	17	..	3	20	11		Disease of Uterus, &c. ....	..	1	1	2	2	
Debility .....	29	1	..	30	21		IX.—Arthritis .....	1	..	..	1	.1	
Malformations .....	3	..	..	3	2		Rheumatism .....	1	3	2	6	3	
Sudden Deaths (including Coroners' Inquests, in which it is not shewn from what diseases or causes the persons died.)	4	..	1	5	12		Disease of Joints, &c. ....	2	4	..	6	4	
II.—Cephalitis .....	5	1	..	6	12		X.—Carbuncle .....	..	..	..	..	.1	
Hydrocephalus .....	42	..	..	42	38		Phlegmon .....	..	..	..	..	.2	
Apoplexy .....	3	5	14	22	22		Ulcer .....	1	1	1	3	.5	
Paralysis .....	..	13	12	25	18		Fistula .....	..	1	..	1	.3	
Convulsions.....	34	2	1	37	49		Disease of Skin, &c.....	1	..	..	1	.6	
Tetanus .....	..	..	..	..	.4		XI.—Old Age .....	..	..	54	54	57	
Chorea .....	..	..	..	..	.1		XII.—Intemperance .....	..	1	..	1	.9	
Epilepsy .....	1	4	4	9	5		Privation .....	..	..	..	..	.3	
Insanity .....	..	3	1	4	1		Violent Deaths .....	7	12	3	22	27	
Delirium Tremens.....	..	3	..	3	2		Causes not Specified.....	..	..	..	..	5	
Disease of Brain, &c. ....	6	9	4	19	11								

Weekly Average derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population		5 Springs.		Deaths registered in the Week		Deaths registered in the Week		Births registered in the Week		Deaths registered in the Week	
Males .....	468	Females .....	446	Males .....	493	Females .....	488	Males .....	694	Females .....	644
Total 914		Total 914		Total 981		Total 981		Total 1338		Total 1338	
Deaths registered in this the third week of the second quarter, and in each of the corresponding weeks of the same quarter of the seven preceding years:—											
(1840)	(1841)	(1842)	(1843)	(1844)	(1845)	(1846)	(1847)	(average of the series of weeks exclusive of the last) 909			
904	921	824	976	846	928	967	968				
Deaths in the districts added in 1847..... 13											

981

NOTE.—The above return contains births and deaths which occurred in the sub-district of Hampstead; and in the sub-districts of Plumstead and Charlton, Lee, Erisham, Eltham, and Sydenham, added at the commencement of this year for the first time. The increase which arises from these additional returns amounts, for the present week, to 11 births and 13 deaths.

The mortality of Wandsworth and Clapham was added to the Weekly Returns for London in 1844. In this comparison, a correction is made for this District, the corresponding weeks of the four preceding years.

\* The age of 1 person, whose death is ascribed to dysentery, is not stated.

DISTRICTS OF LONDON, Comprising 135 Registrars' Districts.		Area in square Miles	Population Enume- rated in 1841	Weekly Average derived from Deaths of 1842-6, and corrected for increase of Population	DEATHS registered in the Week	BIRTHS registered in the Week
				5 Springs		
WEST DISTRICTS	{ Kensington; Chelsea; St. George, Hanover-square; Westminster; St. Martin } in the Fields; St. James	17.2	301,326	141	139	198
NORTH DISTRICTS	{ St. Marylebone; St. Pancras; Islington; Hackney; part of Edmonton, viz. Hampstead	20.5	376,396	175	199	210
CENTRAL DISTRICTS	{ St. Giles and St. George; Strand; Holborn; Clerkenwell; St. Luke; East } London; West London; City of London	2.8	374,759	168	174	247
EAST DISTRICTS	{ Shoreditch; Bethnal Green; Whitechapel; St. George in the East; Stepney; } Poplar	8.8	393,247	191	197	322
SOUTH DISTRICTS	{ St. Saviour; St. Olave; Bermondsey; St. George, Southwark; Newington; Lambeth; } Wandsworth and Clapham; Camberwell; Rotherhithe; Greenwich; Lewisham	66.2	502,483	239	272	361
TOTALS		115.5	1,948,211	914	981	1338

Births and Deaths not caused by Violence, registered in the Metropolis in the last 13 weeks, with the Mean Temperature for the same periods.

	23rd Jan.	30th Jan.	6th Feb.	13th Feb.	20th Feb.	27th Feb.	6th Mar.	13th Mar.	20th Mar.	27th Mar.	3rd April	10th April	17th April
BIRTHS	1334	1525	1326	1364	1389	1478	1390	1435	1517	1376	1313	1489	1338
DEATHS (except from Violence)	1211	1129	1083	1131	1225	1022	974	1010	1086	965	949	1028	959
Deaths (except from Violence) at 60 yrs. & upwards	320	337	291	322	341	274	249	267	301	237	244	247	251
Bronchitis	172	159	111	127	134	112	86	103	90	84	73	81	68
Pneumonia	118	126	114	116	125	83	97	65	77	72	57	72	57
Asthma	67	44	36	50	61	31	29	27	42	23	25	20	23
Mean Temperature	32.6	41.7	34.8	25.6	45.7	35.8	37.9	35.7	48.8	46.6	36.8	47.9	42.6

## EXTRACTS FROM THE METROPOLITAN RETURNS OF THE PREVIOUS WEEK, No. 15.

(The tabular abstract on the first page is for the week ending Saturday, April 17th. The following selection of cases is made from the returns for the week ending April 10th.)

NOTE.—M. or F. at the beginning of an entry indicates sex; the numerals which follow, mark the age at death, in years, except when otherwise stated. The italics at the end of an entry shew the duration of illness; and when the place is supplied by an asterisk (\*), the Coroner, Medical Practitioner, or other Informant, has not been able to ascertain, or has omitted to state the time in which the person has been subject to the disease or injury which has proved fatal. It should invariably be stated that duration of illness could not be ascertained, when this is the case.

### RETURNS OF VIOLENT DEATHS, MADE CHIEFLY BY CORONER.

NOTE.—The cases of violence not returned by the Coroner, have the words "no inquest."

Fractures and Contusions:—	duration	Wounds (continued):	duration	Drowning (continued):—	duration
M. 63, mortal injuries to the brain, by falling down a certain flight of stairs at Hoxton.		In St. Bartholomew's Hospital, butcher, 34 (post mort.), locked jaw, caused by a graze on his leg, from an iron hoop running against it, at King's Cross.....	1 week	Greengrocer, 56, drowned himself—being of unsound mind (under water 6 weeks).	
In Guy's Hospital, lighterman, 50, fracture of the left leg from an accidental fall, occasioned by a chain on which he was sitting giving way.....	about 16 days	In St. Thomas' Hospital, tailor, 49, erysipelas caused by a wound on the back of the head; but how the wound was caused no evidence to shew.....	about 1 week	M. 16, found dead in the waters of the River Thames—no evidence to prove how he came there.	
F. 82 (no inquest), injury to hip, and extensive sloughing of the back.....	10 weeks	Law clerk, 38, suicide—cut his throat with a knife (of unsound mind).....	*	M. about 18, found dead in the River Thames.	
Query—How was the injury caused?				M. 20, found dead in the River Thames—no evidence to prove how he came there.	
In St. Thomas' Hospital, M. 21 (no inquest), abscess following dislocation of ankle joint, 2 years, 9 months				Suffocation:—	
diarrhoea	*	NOTE.—A female, aged 36, died of "lock jaw." It should have been stated how it arose.		F. 28, found dead in a privy, with marks to account for death—apparently suffocated in the soil.	
M. 30 hours, injuries received in birth.		Drowning:—		Burns:—	
F. newborn (post mort.), natural—congestion of the brain—marks of pressure on the neck, supposed to have been caused by the hand during labour, without medical assistance—found dead in the mother's—supposed to have died during or immediately after birth		M. 24, drowned—by what means he came into the water no proof (under water 6 weeks).		In Guy's Hospital, daughter of a stoker at gas works, 2, accidentally burnt by her clothes taking fire in a room at Lambeth.....	12 hours
		M. dressed as a groom, about 20, drowning—fell from a coal barge, while throwing a firework in the air—not sober.		F. 4, burned by her clothes taking fire.....	instantly
Wounds:—		Bricklayer, 31, found in a state of intoxication near to and afterwards struggling in the waters of the Regent's Canal—how his death was caused, except by accidental drowning, no evidence appeared.		F. 56, injuries from being accidentally burnt—from her apron taking fire.....	11 days
In Charing Cross Hospital, labourer, 56 (post mort.), suffocation caused by effusion into the larynx, from inflammation following wound in the throat and larynx, inflicted by himself with an awl, when in a state of temporary insanity.....	*	F. newborn, found dead without marks, in the Regent's Canal.		Poison:—	
				Wife of a manufacturing chemist, 33, nitrous acid (quantity not known)—whether drunk when insane and ignorant of its nature, not known.....	31 hours

### THIRTEEN HOSPITALS.—CAUSES OF DEATHS (NOT VIOLENT) AS RETURNED BY THE MEDICAL OFFICERS.

NOTE.—Deaths in hospitals from fractures, wounds, burns, scalds, poison, are not contained in this list. See deaths by violence.

St. George's H.:—	duration	Charing Cross H.:—	duration	King's College H.:—	duration
M. 50, stricture of urethra—rupture of urethra behind stricture—urinary abscess.....	*	M. 26 (post mort.), morbus Brightii—cirrhosis of the liver.....	several months	F. 30, { inflammation of os and cervix uteri .. { pelvic abscess ..	*
M. 21, scrofulous ulceration of the neck—phthisis.....	*	F. 39 (post mort.), typhoid fever.....	*		
M. 30, { pleuro-pneumonia and fever .. 13 days { granular degeneration of the kidneys ..	*	See Violent Deaths.		St. Bartholomew's H.:—	
F. 69, dropsy and disease of the heart ..	*	Middlesex H.:—		M. 28, phthisis ..	*
F. 51, ulceration into the sac of an umbilical hernia—peritonitis ..	*	M. 21 (cause of death not yet reported).		M. 54, strangulated hernia ..	*
F. 68, incarcerated femoral hernia—peritonitis—debility ..	*	University College H.:—No deaths registered.		M. 50, inflammation of larynx, pleura, &c. ..	*
		Small Pox H.:—		M. 31, chronic disease of the heart.....	*
Westminster H.:—		{ small pox, confluent, petechial .. .. *		M. 24, anasarca—albuminous urine ..	*
F. 45, phthisis pulmonalis .....	1 year	M. 5, { said to have been vaccinated—no cicatrix.		M. 37, phthisis ..	2 years
		Fever H.:—No deaths registered.		F. 35, dropsy, with disease of the kidneys ..	*
				F. 49, disease of the kidney and heart ..	8 months
				F. 5, inflammation of the arm and shoulder ..	*
				F. 46, emphysema, with bronchitis.....	*
				F. 35, disease of the heart ..	*
				See Violent Deaths.	

THIRTEEN HOSPITALS.—CAUSES OF DEATH (NOT VIOLENT) AS RETURNED BY THE MEDICAL OFFICERS (continued):—

London H.:—

M. 55, { laryngitis (post mort.) } abscess of thyroid gland and adjacent parts.	4 days
M. 35, hemorrhage	35 days
F. 80, morbus Brightii	14 months
(post mort.) } anasarca	5 months

St. Thomas' H.:—

F. 44, bronchitis	3 weeks
F. 24, erysipelas of face	*
M. 12, deep-seated abscess	*
M. 50 (post mort.), peritonitis and perforation of stomach	1 day

St. Thomas' H.:—(continued.)

M. 40, phthisis	7 months
M. 40, apoplexy	*
M. 46, diseased aortic valves—aneurism of aorta, bursting into pericardium	*
M. 34, hepatitis chronica	3 months

See Violent Deaths.

Guy's H.:—

M. 54, erysipelas of head and face—diffused abscesses on neck and upper part of chest	*
M. 51 (post mort.), pericarditis, pleurisy, albuminuria	2 years

Guy's H. (continued):—

M. 22 (post mort.), phthisis	*
M. 24, consumption	13 months
M. 23, phthisis	*
M. 6 mon., { operation for harelip convulsions	17 hours

See Violent Deaths.

Dreadnought H.:—

M. 27 (post mort.), abscess in the thigh	6 weeks
M. 25, { acute rheumatism pericarditis	21 days
(post mort.) } adherent pericardium.	15 days

DEATHS BY SMALL POX, TYPHUS, ETC., SYPHILIS, HEMORRHAGE, MALFORMATION, HERNIA, DIABETES, STONE, CHILDBIRTH, DELIRIUM TREMENS, INTEMPERANCE, PRIVATION, ETC.

Small Pox:—

F. 6, { small pox never vaccinated.	7 days
M. 34, confluent small pox (after vaccination)	7 days
M. 4, { confluent small pox never vaccinated.	11 days
F. 1, small pox (never vaccinated)	7 days
F. 4, small pox natural (never vaccinated—first attack)	*
F. 6 weeks, { small pox took it from the mother's breast, who was ill from it a fortnight after confinement.	2 weeks
F. 4, small pox, confluent	*

It should be stated in all cases whether vaccination had been performed, and with effect.

F. 9 mon., small pox (after vaccination—no medical attendant)	*
M. 13 weeks, small pox (without previous vaccination)	*
M. 9, small pox (not vaccinated)	9 days
F. 8 weeks, variola (never vaccinated)	12 days
M. 4, { small pox, confluent vaccinated once 3½ years ago, but without effect.	7 days
M. 4 mon., { small pox vaccinated 1 month ago.	7 days
F. 2, small pox, natural	3 days

See Small Pox Hospital.

Chicken Pox:—

F. 1, { chicken pox. marasmus.	9 months
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Typhus, &c.:—

F. 30, typhoid fever	*
F. 35, brain fever	17 days
M. 19, typhus	5 days
F. 20, typhus	*
M. 1, mesenteric fever	*
M. 2 weeks, aphthous fever	4 days
F. 77, gastric fever	*
F. 5, typhus	21 days
M. 4, { fever effusion on the brain	1 week
M. 33, fever	1 day
F. 39, continued fever	3 weeks
F. 3, { continued fever pneumonia and bronchitis	some weeks
F. 6, fever	14 days
F. 4, { fever hydrocephalus	14 days
F. 31, fever—chronic inflammation of the stomach—enlargement of the spleen	5 days
M. 27, fever—pericarditis—irritation of the brain	*
F. 90, fever and its effects	3 months
M. 3 mon., febris	10 weeks
M. under 1, typhus	4 weeks
F. 5 mon., febris continua	10 days
F. 3, fever—convulsions	*
F. 17, { fever disease of the brain	21 days
F. 22, { fever inflammation of membranes of the brain	4 days
F. 74, fever	3 weeks
M. 30, typhus	*
F. 3, typhus	2 weeks
M. 2, { fever convulsions	21 days
M. 40, typhus	18 hours

Typhus, &c. (continued):—

M. 30, typhus	25 hours
M. 34, typhus	14 days
F. 21, typhus	10 days
F. 50, febris communis	4 days
F. 29, typhus	4 weeks
F. 3, fever and erysipelas	15 days
M. 4, { typhus hydrocephalus	*
M. 3, typhus	*
M. 7, fever	*
M. 6, gastric fever	*
F. 1, { fever bronchitis—pneumonia	11 days
F. 25, { bilious fever abscess of the liver	*
F. 6 mon., { dentition fever	*
M. 55, simple fever—bronchitis	*

See Returns of Charing Cross Hospital.

Intermittent Fever:—

F. 34, { intermittent fever typhus	12 days
	2 days

Remittent Fever:—

F. 2, remittent fever	6 weeks
M. 68, { remittent fever cerebritis	5 weeks
	12 days

Syphilis:—

F. 3 mon., { syphilis convulsions	3 months
M. 5 mon., secondary syphilis	1 day
F. 27, { mucoc-enteritis secondary syphilis	from birth
	2 months
F. 1 mon., atrophy—syphilis	3 weeks

Hæmorrhage:—

F. 45 (inquest), extravasation of blood between peritoneum and left kidney—no marks of violence, and how caused unknown	*
M. 33 (inquest), natural death—rupture of a blood-vessel of the lungs in coughing	20 minutes

See Returns of London Hospital.

Other cases of hæmorrhage are included under apoplexy, hæmatemesis, &c.

Malformation:—

F. 10 weeks, cyanosis	*
M. 2 mon., { malformation of the palate. atrophy	since birth
M. 6 days, rectum imperforatum	*

See Returns of Guy's Hospital.

Cyanosis and Phthisis:—

M. 20, cyanosis—phthisis	*
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Hernia:—

M. 63, strangulated hernia	*
F. 53, { strangulated femoral hernia operation	70 hours
(p.m.) { death apparently caused by the shock of the operation. heart and kidneys diseased.	50 hours
F. 63, { strangulated hernia peritonitis after operation	10 days
	6 days

See St. George's and St. Bartholomew's Hospitals.

Diabetes:—

M. 36, { diabetes phthisis	2 years
M. 49, diabetes	2 years, 8 months

Stone:—No deaths registered from this cause.

Childbirth:—The time elapsing from commencement of labour to death should invariably be returned.

F. 30, puerperal fever	*
F. 37, flooding consequent upon placental presentation	3 weeks
F. 25, puerperal fever	5 days
F. 29, puerperal fever	*
F. 28, puerperal peritonitis	3 days
F. 26 (post mort.), puerperal fever	30 hours
F. 32, { childbirth exhaustion	2 hours after delivery
F. 25, { childbirth puerperal peritonitis	36 hours
F. 35, { internal flooding after childbirth, never rallied	on 9th March, 1847
F. 31, puerperal fever	7 days

Fever and Abortion:—

F. 21, { fever abortion	14 days
	3½ months

Delirium Tremens:—

M. 40, delirium tremens	7 days
M. 52, { delirium tremens coma	4 days
M. 39, delirium tremens	*

Delirium Tremens and Phthisis:—

M. 36, { delirium tremens (p.m.) } phthisis	8 months
	4 months

Intemperance:—

No deaths registered from this cause.

Privation:—

In the sub-district of Regent's Park, M., about 60 (inquest), want of common necessities of life (no blame to parochial authorities) . . .  
In sub-district of St. Andrew's (East), Holborn, F. 16 (inq.), bronchitis, from cold and starvation . . .

Miscellaneous Causes:—

M. 69, gall stone	6 months
F. 70 (post mort.), cirrhosis and tubercular accretion of the omentum and peritoneum,	about 1 year
M. 37, { epileptic fits hemiplegia of right side	9 months
(p.m.) { fungoid tumor of left parietal bone, and middle lobe of cerebrum on left side.	3 months
Serjeant in the A division of Metropolitan Police, 35 (inquest—post mort.), dropsy of the heart—aneurism of aorta—rheumatic inflammation of the heart—fell when running after a hackney cabriolet, and died instantly.	*
M. 14 (post mort.), caries of the temporal bone—ulceration of the brain	several years
died 10 days after severe symptoms shewed themselves.	
F. 82, { pyelitis enteritis	6 months
(post mort.) {	13 hours
M. 62, abscess in thigh from sprain—underwent operation in Middlesex Hospital	6 weeks
M. 20 min., premature birth from fright.	*

ANALYSIS OF CASES IN WHICH INQUESTS WERE HELD.—Deaths from violence, 21; from privation, 1; from cerebral apoplexy, 8; from other specified causes, 16; from causes not specified, 15. TOTAL, 61 cases.

THE NUMBER OF CASES IN WHICH IT IS RECORDED THAT A POST MORTEM EXAMINATION WAS MADE, IS 46.

# METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH,

During the Week ending Saturday, 17th April, 1847.

Day.	Phase of the Moon	Mean height of the Barometer, from 12 Observations, (corrected and reduced to 32 degrees Fahrenheit.)	Readings of Thermometers								Difference between the Dew Point Temperature and Air Temperature			Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 25 years	WIND					Mean Amount of Cloud, 0-10	Rain in inches, read at 9 o'clock the morning		
			Dry			Dew Point	Highest in the sun, as shown by a self-registering Thermometer	Lowest on the grass, as shown by a self-registering Thermometer	In the Water of the Thames at Greenwich, by the self-registering Thermometer, read at 9 o'clock next morning		Mean of 12	Greatest	Least		General Direction		Pressure in lbs. on the square foot					Amount of Horizontal Movement of the Air in each day	
			Highest from 12 Obs.	Lowest from 12 Obs.	Mean from 12 Obs.	Mean from 12 Rts			Highest	Lowest					A.M.	P.M.	Greatest	Least	Mean of 12 Obs.				
																							Diff.
APRIL,		in.	°	°	°	°	°	°	°	°	°	°	°	°	S. and S.S.W.	S.S.W. and Calm	lbs.	lbs.	lbs.	Miles			
SUN.	11						57°0	44°2	47°8	46°0							0°1	0°0	0°0	80	10°0	0°09	
MON.	12		29°583	61°0	48°0	53°9	48°5	82°0	41°0	47°5	46°0	5°4	13°7	1°1	+ 8°2	S.W.	W.S.W. and Calm	1°6	0°0	0°0	70	9°5	0°22
TUES.	13	Perigee In Equator.	29°723	50°6	38°5	44°4	38°4	60°3	28°5	47°5	46°2	6°0	11°3	1°4	- 2°6	N.N.E.	N.E. and N.N.E.	4°5	0°1	0°6	95	10°0	0°00
WED.	14		29°812	49°9	35°0	41°6	34°3	65°7	29°3	47°0	46°2	7°3	12°0	2°3	- 4°7	N.N.E.	N. by W. and N. by E.	5°3	0°1	1°4	195	7°2	0°00
THU.	15	New	29°802	47°0	36°0	40°5	30°8	65°7	18°5	46°0	45°8	9°7	15°8	5°5	- 6°2	N.N.W.	N. and N. by E.	1°0	0°0	0°0	175	7°8	0°00
FRI.	16		29°856	47°4	30°5	37°8	28°9	68°6	14°5	45°8	45°5	8°9	16°6	1°4	- 8°1	N. by W. and Calm	N. and Calm	0°1	0°0	0°0	20	5°9	0°01
SAT.	17		29°687	48°8	24°3	37°5	29°1	75°0	15°0	45°8	45°8	8°4	19°1	0°0	- 8°2	Calm	Calm	0°0	0°0	0°0	15	5°2	0°00
MEANS			29°744	50°8	35°4	42°6	35°0	67°8	27°3	46°8	45°9	7°5	14°8	2°0	- 3°6	†					Sum 650	7°9	Sum 0°32

DAY	ELECTRICITY	Circumstances accompanying the exhibition of Electricity	GENERAL REMARKS
SUN.	Positive with weak tension at each examination.	See General Remarks.	Overcast with cirrostratus throughout the day. Rain was falling generally.
MON.	At 1h. a.m. positive and weak. Nothing was shewn from that time till 9h. a.m., when it became positive with strong tension, and continued so throughout the day.	See General Remarks.	Overcast till 9h. a.m.; from that time till noon, one-half of the sky was covered; overcast afterwards till midnight. A thin rain was falling between 7h. and 9h. a.m.
TUES.	No electricity was shewn till 5h. a.m. From 5h. a.m. till 7h. a.m. strong negative electricity was shewn. Positive and weak from 7h. a.m. till midnight.	See General Remarks. Rain falling heavily. See General Remarks.	Overcast throughout the day with cirrostratus and scud. Between 5h. and 7h. a.m. rain was falling heavily.
WED.	Positive with tension moderately strong throughout the day.	See General Remarks.	Overcast till 9h. 20m. a.m.: from that time till noon the amount of cloud was variable; overcast afterwards till midnight, except between 8h. and 9h. p.m., when the sky was cloudless.
THURS.	Positive and weak throughout the day, except between 7h. and 9h. a.m., when the tension was moderately strong.	See General Remarks.	Overcast till 5h. 20m. a.m.; from that time till noon about one-half of the sky was covered; nearly overcast afterwards till 10h. p.m., and at midnight about one-half of the sky was covered. Hail and sleet fell at intervals during the morning.
FRID.	Positive and weak till 7h. a.m. Maximum occurred at 1h. 30m. and 9h. 30m. p.m. At 9h. 30m. a.m. and 5h. 30m. p.m. nothing was shewn. At other times during the day the amount of electricity was variable.	See General Remarks.	The amount of cloud throughout the day was exceedingly variable; sometimes the sky was completely overcast; at other times one-half was covered, and at others it was cloudless. The prevailing clouds were cirrostratus, cumulostratus, and scud.
SAT.	Positive and weak till 9h. a.m. Throughout the remainder of the day the electricity was positive with strong tension.	See General Remarks.	The sky was cloudless at 1h. a.m., and overcast at 3h. a.m.; from that time till noon about one-half of the sky was covered; throughout the remainder of the day the amount of cloud was variable. The prevailing clouds were cirrostratus and scud.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The amount of clouds is estimated by considering a clear sky to be represented by 0, a cloudy sky by 10; and when partially cloudy by estimating the number of tenths of the whole sky covered with cloud. The observations are taken every two hours, day and night.

The readings of the two self-registering thermometers, the one placed in the full rays of the sun, and the other placed on grass fully exposed to the sky, are taken every morning at 9 A.M., and therefore exhibit the highest and lowest readings respectively, that have occurred in the previous 24 hours. They are, however, placed here opposite to the civil day which precedes that on which the thermometers are read.

Whewell's anemometer (from the indications of which the estimation of horizontal movement is made) is read at 10 A.M., and the result given is for the 24 hours preceding. It is placed here opposite to the civil day, which precedes that on which the anemometer is read.

The average temperature for 25 years is furnished by Mr. Henry, Assistant at the Royal Observatory, from the observations made at his residence in the neighbourhood of Greenwich Park.

\* In reading the 16th column, it will be borne in mind that + is read "higher," and - "lower," than the average.

The temperature of the water of the Thames is ascertained by the use of a self-registering thermometer, suspended from the side of the Dreadnought Hospital Ship, at the depth of about 2 feet below the surface. The readings of this instrument are registered under the superintendence of Lieutenant Sanders, R.N., Superintendent of the Dreadnought. The mean reading of a thermometer placed on the mainmast, and read each day at 6h. 30m. A.M., was 37°7; and the mean reading at 7h. 30m. P.M., was 44°1; the mean readings at the Royal Observatory for the same times were 38°0 and 42°4 respectively.

† The mean direction of the wind for the week, with the exception of the first two days, has been N. and N.N.E.

# A TABLE OF Births and Deaths registered in London, During the Week ending Saturday, April 24th, 1847.

ANNUAL SERIES VIII.]

PUBLISHED BY AUTHORITY OF THE REGISTRAR GENERAL.

[No. 17.]

Causes of Death	Age			Total	Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population	5 Springs	Causes of Death.	Age			Total	Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population	5 Springs
	0 to 15	15 to 60	60 and upwards					0 to 15	15 to 60	60 and upwards			
ALL CAUSES.....	365	366	249	*981	914		IV.—Laryngitis .....	7	..	..	7	1	
SPECIFIED CAUSES .....	365	365	247	*978	909		Quinsey .....	..	..	..	..	1	
I.—Zymotic (or Epidemic, Endemic, and Contagious) Diseases.....	96	31	18	145	166		Bronchitis .....	20	15	35	70	21	
SPORADIC DISEASES—							Pleurisy .....	1	2	..	3	2	
II.—Dropsy, Cancer, and other Diseases of uncertain or variable Seat .....	41	21	27	89	99		Pneumonia .....	49	12	6	67	63	
III.—Diseases of the Brain, Spinal Marrow, Nerves and Senses ..	83	40	43	166	158		Hydrothorax .....	..	7	5	12	5	
IV.—Diseases of the Lungs, and of the other Organs of Respiration ..	99	170	65	334	275		Asthma .....	..	11	9	20	14	
V.—Diseases of the Heart and Blood-vessels .....	3	27	8	38	29		Phthisis (or Consump- tion) .....	18	118	5	141	152	
VI.—Diseases of the Stomach, Liver, and other Organs of Digestion ..	35	33	16	84	70		Disease of Lungs, &c. ....	4	5	5	14	15	
VII.—Diseases of the Kidneys, &c. ....	1	7	1	9	8		V.—Pericarditis.....	..	2	1	3	2	
VIII.—Childbirth, Diseases of the Uterus, &c. ....	..	15	1	16	10		Aneurism .....	..	1	..	1	.8	
IX.—Rheumatism, Diseases of the Bones, Joints, &c. ....	3	7	5	15	8		Disease of Heart, &c. ....	3	24	7	34	27	
X.—Diseases of the Skin, Cellular Tissue, &c. ....	..	5	3	8	2		VI.—Teething.....	5	..	..	5	14	
XI.—Old Age .....	..	..	57	57	57		Gastritis .....	..	1	1	2	13	
XII.—Violence, Privation, Cold and Intemperance .....	4	9	3	*17	28		Enteritis .....	3	2	..	5	3	
I.—Small Pox .....	10	2	..	12	15		Peritonitis .....	3	..	1	4	3	
Measles .....	7	..	..	7	23		Tabes Mesenterica.....	17	..	..	17	10	
Scarlatina .....	11	..	..	11	24		Worms .....	1	..	..	1	.6	
Whooping Cough .....	31	..	..	31	39		Ascites .....	..	1	..	1	1	
Croup .....	3	..	..	3	8		Ulceration (of Intestines, &c.).....	..	3	1	4	2	
Thrush .....	1	..	..	1	4		Hernia .....	..	1	1	2	2	
Diarrhoea.....	16	1	4	21	7		Colic or Ileus .....	1	1	2	4	3	
Dysentery .....	..	2	1	3	1		Intussusception .....	1	..	1	2	.8	
Cholera .....	..	..	..	..	.6		Stricture (of the Intestinal Canal).....	..	1	..	1	.4	
Influenza .....	..	..	1	1	2		Hæmatemesis .....	..	2	1	3	.9	
Ague .....	..	1	..	1	.4		Disease of Stomach, &c. ....	1	5	1	7	5	
Remittent Fever.....	1	..	..	1	.8		Disease of Pancreas .....	..	..	..	..	2	
Typhus .....	12	21	8	41	34		Hepatitis .....	..	3	2	5	2	
Erysipelas .....	4	1	4	9	6		Jaundice .....	1	2	..	3	2	
Syphilis .....	..	3	..	3	1		Disease of Liver, &c. ....	2	11	5	18	9	
Hydrophobia .....	..	..	..	..	..		Disease of Spleen.....	..	..	..	..	.1	
II.—Hæmorrhage .....	3	3	1	7	3		VII.—Nephritis.....	..	..	..	..	.6	
Dropsy .....	1	6	12	19	26		Ischuria .....	..	..	..	..	.1	
Abscess .....	1	..	1	2	2		Diabetes .....	..	..	..	..	.4	
Noma .....	..	..	..	..	..		Cystitis .....	1	..	..	1	.4	
Mortification .....	..	1	1	2	4		Stone .....	..	1	..	1	.5	
Purpura .....	1	2	2	5	.4		Stricture (of the Urethra) ..	..	1	..	1	.9	
Scrofula .....	1	1	..	2	4		Disease of Kidneys, &c. ....	..	5	1	6	6	
Cancer .....	1	4	4	9	12		VIII.—Childbirth .....	..	12	..	12	7	
Tumour .....	..	..	..	..	.6		Paramenia .....	..	..	..	..	.2	
Gout .....	..	..	2	2	1		Ovarian Dropsy .....	..	1	..	1	.6	
Atrophy .....	13	2	..	15	11		Disease of Uterus, &c. ....	..	2	1	3	2	
Debility .....	10	..	..	10	21		IX.—Arthritis .....	1	..	..	1	.4	
Malformations .....	4	..	..	4	2		Rheumatism .....	..	4	4	8	3	
Sudden Deaths (including Coroners' Inquests, in which it is not shewn from what diseases or causes the persons died.)	6	2	4	12	12		Disease of Joints, &c. ....	2	3	1	6	4	
III.—Cephalitis .....	11	5	1	17	12		X.—Carbuncle .....	..	..	..	..	.1	
Hydrocephalus .....	29	..	..	29	38		Phlegmon .....	..	1	..	1	.2	
Apoplexy .....	2	11	15	28	22		Ulcer .....	..	1	2	3	.5	
Paralysis .....	..	9	23	32	18		Fistula.....	..	3	..	3	.3	
Convulsions.....	38	..	..	38	49		Disease of Skin, &c.....	..	..	1	1	.6	
Tetanus .....	..	..	..	..	.4		XI.—Old Age .....	..	..	57	157	57	
Chorea.....	..	..	..	..	.1		XII.—Intemperance .....	..	..	..	..	.9	
Epilepsy .....	..	7	2	9	5		Privation.....	..	..	..	..	.3	
Insanity .....	..	..	..	..	1		Violent Deaths .....	4	9	3	*17	27	
Delirium Tremens.....	..	3	..	3	2		Causes not Specified.....	..	1	2	3	5	
Disease of Brain, &c. ....	3	5	2	10	11								

Weekly Average derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population		5 Springs.		Deaths registered in the Week		Births registered in the Week	
Males .....	468	Females .....	446	Males .....	503	Males .....	718
				Females .....	479	Females .....	699
Total .....		Total .....		Total .....		Total .....	
914		981		1417			

Deaths registered in this the fourth week of the second quarter, and in each of the corresponding weeks of the same quarter of the seven preceding years:—

(1840)	(1841)	(1842)	(1843)	(1844)	(1845)	(1846)	(1847)
869	922	798	913	880	904	856	967

Deaths in the districts added in 1847..... 14

(average of the series of weeks, exclusive of the last) 877

NOTE.—The above return contains births and deaths which occurred in the sub-district of Hampstead; and in the sub-districts of Plumstead and Charlton, Lee, Lewisham, Eltham, and Sydenham, added at the commencement of this year for the first time. The increase which arises from these additional returns amounts, for the present week, to 13 births and 14 deaths.

The mortality of Wandsworth and Clapham was added to the Weekly Returns for London in 1844. In this comparison, a correction is made for this District, in the corresponding weeks of the four preceding years.

\* The age of 1 person, whose death is enumerated amongst those caused by violence, is not stated.

† A woman is reported to have died in the sub-district of Christchurch, St. Saviour's, of "natural decay," at the advanced age of 100 years.

DISTRICTS OF LONDON, Comprising 135 Registrars' Districts.		Area in square Miles	Population Enu- merated in 1841	Weekly Average derived from Deaths of 1842-6, and corrected for Increase of Population 5 Springs	DEATHS registered in the Week	BIRTHS registered in the Week
WEST DISTRICTS	{ Kensington; Chelsea; St. George, Hanover-square; Westminster; St. Martin in the Fields; St. James .....	17.2	301,326	141	135	192
NORTH DISTRICTS	{ St. Marylebone; St. Pancras; Islington; Hackney; part of Edmonton, viz. Hampstead	20.5	376,396	175	183	274
CENTRAL DISTRICTS	{ St. Giles and St. George; Strand; Holborn; Clerkenwell; St. Luke; East London; West London; City of London .....	2.8	374,759	168	179	231
EAST DISTRICTS	{ Shoreditch; Bethnal Green; Whitechapel; St. George in the East; Stepney; Poplar .....	8.8	393,247	191	220	310
SOUTH DISTRICTS	{ St. Saviour; St. Olave; Bermondsey; St. George, Southwark; Newington; Lambeth; Wandsworth and Clapham; Camberwell; Rotherhithe; Greenwich; Lewisham	66.2	502,483	239	264	410
TOTALS .....		115.5	1,948,211	914	981	1417

Births and Deaths not caused by Violence, registered in the Metropolis in the last 13 weeks, with the Mean Temperature for the same periods.

	30th Jan.	6th Feb.	13th Feb.	20th Feb.	27th Feb.	6th Mar.	13th Mar.	20th Mar.	27th Mar.	3rd April	10th April	17th April	24th April
BIRTHS .....	1525	1326	1364	1389	1478	1390	1435	1517	1376	1313	1489	1338	1417
DEATHS (except from Violence) .....	1129	1083	1131	1225	1022	974	1010	1086	965	949	1028	959	964
Deaths (except from Violence) at 60 yrs. & upwards .....	337	291	322	341	274	249	267	301	237	244	247	251	246
Bronchitis .....	159	111	127	134	112	86	103	90	84	73	81	68	70
Pneumonia .....	126	114	116	125	83	97	65	77	72	57	72	57	67
Asthma .....	44	36	50	61	31	29	27	42	23	25	20	23	20
Mean Temperature .....	41.7	34.8	25.6	45.7	35.8	37.9	35.7	48.8	46.6	36.8	47.9	42.6	45.5

## EXTRACTS FROM THE METROPOLITAN RETURNS OF THE PREVIOUS WEEK, No. 16.

(The tabular abstract on the first page is for the week ending Saturday, April 24th. The following selection of cases is made from the returns for the week ending April 17th).

NOTE.—M. or F. at the beginning of an entry indicates sex; the numerals which follow, mark the age at death, in years, except when otherwise stated. The italics at the end of an entry shew the duration of illness; and when the place is supplied by an asterisk (\*), the Coroner, Medical Practitioner, or other Informant, has not been able to ascertain, or has omitted to state the time in which the person has been subject to the disease or injury which has proved fatal. It should invariably be stated that duration of illness could not be ascertained, when this is the case.

### RETURNS OF VIOLENT DEATHS, MADE CHIEFLY BY CORONER.

NOTE.—The cases of violence not returned by the Coroner, have the words "no inquest."

Fractures and Contusions:—	duration	Fractures and Contusions (continued):—	duration	Burns and Scalds:—	duration
Plasterer's boy, 16 ( <i>post mort.</i> ), fracture of the skull—laceration of the brain and spleen, by falling from a scaffold when at work, lowering a sack of cement by a pulley—the rope suddenly broke by being twisted round a rough iron bar (at the House of Lords) <i>instantly</i>		Ropemaker, 35, injury of the brain from falling off a cart, while at work, pulling a rope which unexpectedly yielded ..... 15 hours		F. 3, dysentery—effects of a burn ..... *	
In St. Thomas' Hospital, apprentice in the "Teviot," a Newcastle collier, 16, erysipelas caused by a fracture of his skull, by falling into the hold of the "Teviot," at Dowgate Wharf ..... 14 days		Son of a labourer, 2, accidentally crushed on the head to death by a waggon.		In Guy's Hospital, son of a sawyer, 4, burnt by his pinafore taking fire, whilst playing with a piece of lighted string (at Tanner's Hill, Deptford) ..... 6 days	
In Guy's Hospital, chaff cutter, 63 ( <i>post mort.</i> ), fracture of his skull and four ribs—and injury to his lung, by falling from a ladder at Wandsworth Road ..... 24 hours		F. 48 ( <i>no inquest</i> ), disease of the spine from an accident ..... 4 months		In Guy's Hospital, son of a gardener, 6, burnt by his pinafore taking fire, by a red hot poker falling out of the fire (at Camberwell) ..... 24 hours	
In Guy's Hospital, foreman to a bricklayer, 42, mortal injuries caused by falling from a scaffold in Cannon Street ..... 1 hour		F. 70, { broken thigh ..... *		In Guy's Hospital, daughter of a labourer, 2, burnt by her clothes taking fire, whilst alone in her father's apartment (in the County of Cork) ..... 3 weeks	
M. 41 ( <i>no inquest</i> ), lacerated wound in the temple, from an accidental fall ..... 12 days		( <i>no inquest</i> ) { bedsores ..... 15 days		F. 76, scald on the foot, accidental ..... 11 days	
erysipelas ..... 6 days		<i>It should have been stated how the injury was caused.</i>			
tymphus ..... 6 days		F. 8, { suppuration about the parotid .. 3 weeks		Poison:—	
Rigger, 59, accidental death by a fall from the yard arm of a ship.		( <i>no inquest</i> ) { hectic fever ..... 10 days		In Westminster Hospital, shoemaker, 44 ( <i>post mort.</i> ), oxalic acid—suicide in temporary insanity, from being out of employment a few minutes	
In St. Thomas' Hospital, labourer, 21, injury to his chest by a ball of iron falling on him at Bankside ..... 2 hours		blow inflicted by a school slate on the angle of the jaw .... about 24 days		F. 5 mon., laudanum inadvertently mixed with aniseed, and used not to destroy life, but as a sedative ..... *	
		<i>Drowning:—</i>			
		Spinster, 34, found drowned in the River Thames—no marks of violence—(supposed to have been under water 7 weeks.)			
		Labourer, 25, suffocation from drowning.			
		M. 33, found dead without marks to account for death—apparently drowned in the lock of the West India Dock basin.			

### THIRTEEN HOSPITALS.—CAUSES OF DEATHS (NOT VIOLENT) AS RETURNED BY THE MEDICAL OFFICERS.

NOTE.—Deaths in hospitals from fractures, wounds, burns, scalds, poison, are not contained in this list. See deaths by violence.

St. George's H.—	duration	University College H.—	Fever H.:—	duration
M. 2, pleuro-pneumonia .....	*	M. 40, bronchitis .....	31 days	
Westminster H.:—		M. 15, continued fever .....	28 days	
M. 33, { hemiplegia .....	11 days	{ purulent otorrhoea .....	from childhood	
{ apoplexy .....	16 hours	M. 22, { meningitis .....	*	
M. 66, strangulated hernia .....	*	{ extensive abscess of middle lobe of brain .....	8 days	
Charing Cross H.:—No deaths registered.		M. 37, phthisis pulmonalis .....	*	
Middlesex H.:—		{ pneumonia of right and subsequently left lung .....	24 days	
M. 47, petechial fever .....	7 days	F. 10, { endocarditis, supervening on former heart disease .. on the 8th day of pneumonia		
M. 41, { apoplexy .....	10 hours	{ mitral valve contracted—excessive thickening of pericardium, from former pericarditis.		
( <i>post mort.</i> ) { nutmeg liver .....	*			
F. 60, { cancer of the breast .....	12 months			
{ operation .....	*			
{ erysipelas—pleuro-pneumonia .....	*			
F. 32, lumbar abscesses .....	11 weeks			
			Small Pox H.:—	
			M. 19, small-pox, natural, confluent .....	*

THIRTEEN HOSPITALS.—CAUSES OF DEATH (NOT VIOLENT) AS RETURNED BY THE MEDICAL OFFICERS (continued).—

<b>King's College H.:</b> —		<b>London H.:</b> —No deaths registered.		<b>Guy's H. (continued):</b> —	
M. 41 (post mort.), phthisis.....	6 months	<b>St. Thomas' H.:</b> —		F. 34, { ovarian dropsy.....	1 year
M. 63, bronchitis and old age.....	*	F. 45, general peritonitis, with enlargement of the uterus.....	*	F. 20, { phthisis.....	8 months
M. 40, { pericarditis.....	*	F. 34, pericarditis, pneumonia, hydrops.....	6 months	(p.m.) { ulcerated intestines.....	*
(p.m.) { escape of blood into the pericardium, 2 days		F. 33, morbus cordis.....	*	F. 35, { open ductus arteriosus.....	*
M. 35, heart disease.....	some years	M. 45, stricture and abscess in perineo.....	8 months	(p.m.) { atelectasis pulmonum.....	*
F. 63 (post mort.), heart disease.....	some years	M. 52, fistula and phthisis pulmonalis.....	— years	M. 45, phthisis.....	*
<b>St. Bartholomew's H.:</b> —		M. 33, stricture of urethra—retention of urine.....	*	<b>Dreadnought H.:</b> —	
M. 36, pericarditis.....	*	<b>Guy's H.:</b> —		M. 30 (post mort.), phthisis.....	3 months
M. 21, diseased kidneys.....	*	M. 19, { scrofulous tubercles of brain, lungs, and peritoneum.....	*	M. 30, { bronchitis.....	3 weeks
F. 22, disease of the heart and kidneys.....	*	(p.m.) { hydrocephalus.....	7 days	(p.m.) { lobular pneumonia.....	4 days
F. 15, disease of the brain.....	*	M. 67 (post mort.), chronic bronchitis.....	*	(p.m.) { miliary tubercle.....	*
F. 34, paralysis and bronchitis.....	*			M. 18 (post mort.) phthisis.....	5 months
F. 40, paralysis.....	*				
F. 67, disease of the liver.....	*				
F. 37, cancer of the breast.....	*				

DEATHS BY SMALL POX, TYPHUS, ETC., SYPHILIS, HÆMORRHAGE, MALFORMATION, HERNIA, DIABETES, STONE, CHILDBIRTH, DELIRIUM TREMENS, INTemperance, PRIVATION, ETC.

<b>Small Pox:</b> —		<b>Typhus, &amp;c. (continued):</b> —		<b>Childbirth (continued):</b> —	
M. under 1, { small-pox.....	*	M. 20, typhus.....	*	F. 25, puerperal fever.....	8 days
{ pertussis.....	4 weeks	F. 5, typhus.....	5 days	F. 20, puerperal convulsions.....	*
<b>NOTE.</b> —It should be stated in all cases whether vaccination had been performed with effect.		M. 17, fever and diarrhoea.....	2 months	F. 30, { childbirth.....	6 days
M. 3, small pox (after vaccination with effect) 5 days		F. 2, fever—water on the brain.....	*	{ puerperal fever.....	4 days
F. 7, { small pox.....	6 days	<b>See Hospital Returns.</b>		F. 31, inflammation of the bowels (3 weeks after parturition).....	10 days
{ successfully vaccinated 6 years before.....	11 days	<b>Ague:</b> —		<b>It should be stated in express terms whether inflammation commenced or terminated fatally 3 weeks after parturition.</b>	
F. 2, { small pox.....	14 days	M. 2, intermittent fever.....	*	<b>F. 38, { gradual softening of womb for years.</b>	
{ first attack—never vaccinated.....	14 days	<b>Remittent Fever:</b> —		(p.m.) { laceration of womb during unnatural labour.....	26 days
M. 4 mon., { confluent small pox.....	8 days	F. 5, remittent fever—pneumonia.....	1 month	F. 29, { childbirth.....	7 days
{ vaccinated 3 weeks ago, but without effect.....	7 days	F. 44, remittent fever.....	2 months	{ scarlatina.....	9 days
M. 15 mon., small pox (never vaccinated).....	8 days	F. 2, { remittent fever.....	3 weeks	F. 35, uterine hæmorrhage.....	10 days
M. 3, { small pox.....	14 days	{ pneumonia.....	*	<b>Delirium Tremens:</b> —	
F. 5, { small pox.....	14 days	<b>Syphilis:</b> —		M. 40, delirium tremens.....	1 week
{ first attack—never vaccinated.....	4 days	F. 12 mon., { congenital syphilis.....	4 months	M. 50, delirium tremens.....	10 days
M. 16, malignant small pox (natural).....	10 days	{ tabes mesenterica.....	*	M. 36, { pneumonia.....	10 days
M. 4, small pox (confluent, natural).....	10 days	F. 60, { exfoliation of os frontis.....	some years	{ delirium tremens.....	10 days
<b>Varicella:</b> —		{ diarrhoea.....	*	<b>Intemperance:</b> —	
M. 6, { varicella.....	3 days	<b>Hæmorrhage:</b> —		F. 37 (inquest), natural death—debility resulting from habits of intemperance.....	*
{ cephalitis.....	14 days	<b>Cases of hæmorrhage of the brain, bowels, &amp;c., are included under other heads, in the abstract.</b>		<b>Privation:</b> —	
<b>Bronchitis and Variola:</b> —		<b>Malformation:</b> —		<b>No deaths registered from this cause.</b>	
M. 66, { chronic bronchitis.....	6 years	F. 9 days, imperfect closure of the foramen ovale—the child born before its time. The medical attendant saw it only one day before death.		<b>Miscellaneous Causes:</b> —	
{ variola—hydrothorax.....	2 months	M. 13 days, imperfect anus.		M. 41, { disease of the right knee-joint.....	11 months
<b>Typhus, &amp;c.:</b> —		F. 5 weeks, spina bifida.		{ amputation.....	9 days
M. 50, { febris.....	14 days	<b>Hernia:</b> —		{ erysipelas.....	9 days
{ emphysema pulmonalis and bronchitis—years	*	M. 71, { decay of nature—asthma.....	*	F. 2, { infantile remittent fever.....	16 days
M. 73, fever—general debility.....	*	{ hernia.....	many years	{ convulsions.....	4 days
F. 15, fever—marasmus.....	*	F. 63, strangulated hernia.....	*	M. 78, paralysis—anthrax.....	2 months
M. 38, typhus.....	9 days	<b>See Returns of Westminster Hospital.</b>		M. 74, { marasmus progressive.....	2 years
F. 71, fever—debility.....	8 weeks	<b>Diabetes and Stone:</b> —		F. 52, ovarian dropsy.....	*
F. 12, typhus.....	6 weeks	<b>No deaths registered from these causes.</b>		F. 49, ovarian dropsy.....	3 years
M. 2, { fever.....	14 days	<b>Childbirth:</b> —The time elapsing from commencement of labour to death should invariably be returned.		F. 44, ovarian dropsy.....	*
{ effusion on the brain.....	*	F. 28, { parturition.....	7 mon. 3 days	F. 53, { ovarian dropsy.....	15 years
M. 72, { decay of nature.....	6 days	{ placenta prævia—hæmorrhage.....	*	{ general decay.....	*
{ typhus.....	6 weeks	F. 20, { childbirth.....	7 days	<b>See Returns of Guy's Hospital.</b>	
M. 21, low fever.....	6 weeks	{ puerperal peritonitis.....	4 days		
F. 64, fever.....	*	F. 25, { childbirth.....	*		
M. 7, typhus.....	*	{ puerperal fever, 8 days after delivery.....	*		
F. 15, typhus fever.....	3 weeks	<b>Query. Did fever supervene, or did death occur 8 days after delivery?</b>			
M. 60, typhus.....	6 days				
F. 32, typhus.....	7 weeks				
M. 53, fever.....	*				
M. 36, typhus.....	*				
F. 76, inflammatory fever.....	*				
F. 50, typhus.....	*				
M. 30, typhus.....	15 days				
F. 12, fever—inflammation of the brain.....	4 days				
F. 9, fever.....	4 weeks				
M. 4, fever.....	*				

In the return for week ending April 17th, causes of deaths were—

(1) Certified by written statement of Medical Attendant in.....	892 cases.
(2) Attested by Coroner, or stated by him to be not ascertainable, in.....	33 "
(3) Not certified, in consequence of deceased not having been attended by qualified practitioners.....	16 "
(4) Not certified.....	40 "

TOTAL... 981

ANALYSIS OF CASES IN WHICH INQUESTS WERE HELD.—Violence, 18; apoplexy, 1; disease of heart, 2; intemperance, 1; other specified causes, 7; causes not specified, 4. TOTAL, 33 cases.

THE NUMBER OF CASES in which it is recorded that a POST MORTEM EXAMINATION was made, is 45.

METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH,

During the Week ending Saturday, 24th April, 1847.

Day.	Phases of the Moon	Mean height of the Barometer, from 12 Observations, (corrected and reduced to 32 degrees Fahrenheit.)	Readings of Thermometers										Difference between the mean Dew Point Temperature and Air Temperature			Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 25 years	WIND							Mean Amount of Cloud, 0-10	Rain in inches, read at 9 o'clock the next morning																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
			Dry			Dew Point	Highest in the sun, as shown by a self-regu- ler Thermometer	Lowest on the grass, as shown by a self-regu- ler Thermometer	In the Water at Greenwich, by the self- registering Thermometer, read at 9 o'clock next morning		Mean of 12 Diffs.	Greatest	Least	General Direction			Pressure in lbs. on the square foot			Amount of Horizontal Movement of the Air in each day																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
			High- est from 12 Obs.	Low- est from 12 Obs.	Mean from 12 Obs.	Mean from 12 Rits			Highest	Lowest				A.M.	P.M.		Greatest	Least	Mean of 12 Obs.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
APRIL,		in.	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°

DAY	ELECTRICITY	Circumstances accompanying the exhibition of Electricity	GENERAL REMARKS
SUN.			The sky was generally about one-half covered with cumuli, cirrostratus, and masses of scud throughout the day.
MON.			The sky was about one-half covered till noon; and generally overcast during the remainder of the day.
TUES.			Cirrostratus and scud covered one-half of the sky till about 4h. a.m. Overcast from that time till 6h. a.m., when it became cloudless for a short time. About two-thirds were then covered till 6h. p.m., and cloudless afterwards during the remainder of the day.
WED.	The apparatus has been under	repair throughout the week.	The sky was one-half covered with cloud till 3h. a.m.; cloudless from that time till 9h. a.m., and generally overcast during the remainder of the day.
THURS.			Overcast till about 4h. a.m.; very variable in amount from that time till 4h. p.m., being sometimes overcast, and at others nearly cloudless; generally clear during the remainder of the day.
FRID.			Cloudless till 2h. a.m.; the sky was then about one-half covered till 2h. p.m., and cloudless during the remainder of the day.
SAT.			From 1h. a.m. till 9h. a.m., and from 3h. 20m. p.m. till 7h. 30m. p.m. the amount of cloud was small, covering about one-fourth of the sky, except at 9h. 0m., when it was nearly overcast; at other times during the day the sky was cloudless.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The amount of clouds is estimated by considering a clear sky to be represented by 0, a cloudy sky by 10; and when partially cloudy by estimating the number of tenths of the whole sky covered with cloud. The observations are taken every two hours, day and night.

The readings of the two self-registering thermometers, the one placed in the full rays of the sun, and the other placed on grass fully exposed to the sky, are taken every morning at 9 A.M., and therefore exhibit the highest and lowest readings respectively, that have occurred in the previous 24 hours. They are, however, placed here opposite to the civil day which precedes that on which the thermometers are read.

Whewell's anemometer (from the indications of which the estimation of horizontal movement is made) is read at 10 A.M., and the result given is for the 24 hours preceding. It is placed here opposite to the civil day, which precedes that on which the anemometer is read.

The average temperature for 25 years is furnished by Mr. Henry, Assistant at the Royal Observatory, from the observations made at his residence in the neighbourhood of Greenwich Park.

\* In reading the 16th column, it will be borne in mind that + is read "higher," and — "lower," than the average.

The temperature of the water of the Thames is ascertained by the use of a self-registering thermometer, suspended from the side of the Dreadnought Hospital Ship, at the depth of about 2 feet below the surface. The readings of this instrument are registered under the superintendence of Lieutenant Sanders, R.N., Superintendent of the Dreadnought. The mean reading of a thermometer placed on the mainmast, and read each day at 6h. 30m. A.M., was 39°5; and the mean reading at 7h. 30m. P.M., was 47°6; the mean readings at the Royal Observatory for the same times were 39°2 and 45°7 respectively.

† The direction of the wind during the week was variable, but principally from the N. and E.

ERRATA.—In the report of the week ending March 13th, in the column under rain, and ranging with the 11th day, for 0°01 read 0°10; and for the sum of the rain during the week, for 0°04 read 0°14.

# A TABLE OF Births and Deaths registered in London, During the Week ending Saturday, May 1st, 1847.

ANNUAL SERIES VI.]

PUBLISHED BY AUTHORITY OF THE REGISTRAR GENERAL.

[No. 18.]

Causes of Death	Age			Total	Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population	5 Springs	Causes of Death.	Age			Total	Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population	5 Springs
	0 to 15	15 to 60	60 and upwards					0 to 15	15 to 60	60 and upwards			
ALL CAUSES.....	375	367	240	*983	914		IV.—Laryngitis .....	5	1	..	6	1	
SPECIFIED CAUSES.....	374	367	239	*981	909		Quinsey .....	2	..	..	2	1	
I.—Zymotic (or Epidemic, Endemic, and Contagious) Diseases.....	90	43	14	*148	166		Bronchitis .....	16	17	29	62	21	
II.—SPORADIC DISEASES.....							Pleurisy .....	1	5	1	7	2	
II.—Dropsy, Cancer, and other Diseases of uncertain or variable Seat .....	71	25	20	116	99		Pneumonia .....	33	22	5	60	63	
III.—Diseases of the Brain, Spinal Marrow, Nerves and Senses ..	75	36	45	156	158		Hydrothorax .....	..	..	2	2	5	
IV.—Diseases of the Lungs, and of the other Organs of Respiration ..	78	172	54	304	275		Asthma .....	..	11	11	22	14	
V.—Diseases of the Heart and Blood-vessels .....	2	20	18	50	29		Phthisis (or Consump- tion) .....	18	110	4	132	152	
VI.—Diseases of the Stomach, Liver, and other Organs of Digestion ..	49	22	15	86	70		Disease of Lungs, &c. ....	3	6	2	11	15	
VII.—Diseases of the Kidneys, &c. ....	2	5	4	11	8		V.—Pericarditis.....	1	1	..	2	2	
VIII.—Childbirth, Diseases of the Uterus, &c. ....	..	13	..	13	10		Aneurism .....	..	1	..	1	1	8
IX.—Rheumatism, Diseases of the Bones, Joints, &c. ....	2	11	2	15	8		Disease of Heart, &c. ....	1	28	18	47	27	
X.—Diseases of the Skin, Cellular Tissue, &c. ....	1	2	1	4	2		VI.—Teething.....	11	..	..	11	14	
XI.—Old Age .....	..	..	63	63	57		Gastritis .....	1	1	..	2	13	
XII.—Violence, Privation, Cold and Intemperance .....	4	8	3	15	28		Enteritis .....	6	2	2	10	3	
I.—Small Pox .....	10	1	..	11	15		Peritonitis .....	3	4	1	8	10	
Measles .....	10	..	..	10	23		Tabes Mesenterica.....	22	..	..	22	10	
Scarlatina .....	12	1	..	13	24		Worms .....	1	..	..	1	6	
Whooping Cough .....	36	..	..	36	39		Ascites .....	..	1	..	1	1	
Croup .....	2	..	..	2	8		Ulceration (of Intestines, &c.).....	..	3	1	4	2	
Thrush .....	..	..	..	..	4		Hernia .....	1	2	2	5	2	
Diarrhoea.....	9	1	4	14	7		Colic or Ileus .....	..	2	1	3	3	
Dysentery .....	1	3	1	5	1		Intussusception .....	2	..	..	2	8	
Cholera .....	..	..	..	..	6		Stricture (of the Intestinal Canal).....	..	..	..	..	4	
Influenza.....	1	1	1	3	2		Hæmatemesis.....	..	..	..	..	9	
Ague .....	..	..	..	..	4		Disease of Stomach, &c. ....	1	2	2	5	5	
Remittent Fever.....	1	..	..	1	8		Disease of Pancreas .....	..	..	..	..	2	
Typhus .....	5	29	5	*40	34		Hepatitis .....	..	2	1	3	2	
Erysipelas .....	..	5	3	8	6		Jaundice .....	..	..	..	..	2	
Syphilis .....	3	2	..	5	1		Disease of Liver, &c. ....	1	3	5	9	9	
Hydrophobia .....	..	..	..	..	..		Disease of Spleen.....	..	..	..	..	1	
II.—Hæmorrhage .....	1	1	1	3	3		VII.—Nephritis.....	1	..	..	1	6	
Dropsy .....	1	5	7	13	26		Ischuria .....	..	..	..	..	1	
Abscess .....	..	..	1	1	2		Diabetes .....	..	..	..	..	4	
Noma .....	1	..	..	1	..		Cystitis .....	..	..	..	..	4	
Mortification .....	1	..	1	2	4		Stone .....	1	..	1	2	5	
Purpura .....	..	1	..	1	4		Stricture (of the Urethra) ..	..	..	..	..	9	
Scrofula .....	4	..	..	4	4		Disease of Kidneys, &c. ....	..	5	3	8	6	
Cancer .....	..	14	6	20	12		VIII.—Childbirth .....	..	6	..	6	7	
Tumour .....	..	..	1	1	6		Paramenia .....	..	1	..	1	2	
Gout .....	..	..	..	..	1		Ovarian Dropsy .....	..	2	..	2	6	
Atrophy .....	28	1	..	29	11		Disease of Uterus, &c. ....	..	4	..	4	2	
Debility .....	30	1	..	31	21		IX.—Arthritis .....	1	..	..	1	1	
Malformations .....	3	..	..	3	2		Rheumatism .....	..	6	1	7	3	
Sudden Deaths (including Coroners' Inquests, in which it is not shewn from what diseases or causes the persons died.)	2	2	3	7	12		Disease of Joints, &c. ....	1	5	1	7	4	
III.—Cephalitis .....	7	3	1	11	12		X.—Carbuncle .....	..	1	..	1	1	
Hydrocephalus .....	26	..	..	26	38		Phlegmon .....	..	1	..	1	2	
Apoplexy .....	3	7	14	24	22		Ulcer .....	..	..	1	1	5	
Paralysis .....	..	8	25	33	18		Fistula.....	..	..	..	..	3	
Convulsions.....	34	..	..	34	49		Disease of Skin, &c. ....	1	..	..	1	6	
Tetanus .....	..	..	..	..	4		XI.—Old Age .....	..	..	63	63	57	
Chorea .....	..	..	..	..	1		XII.—Intemperance .....	..	1	..	1	9	
Epilepsy .....	2	3	2	7	5		Privation.....	..	..	..	..	3	
Insanity .....	..	..	..	..	1		Violent Deaths .....	4	7	3	14	27	
Delirium Tremens.....	..	4	1	5	2		Causes not Specified.....	1	..	1	2	5	
Disease of Brain, &c. ....	3	11	2	16	11								

Weekly Average derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population		Deaths registered in the Week		Births registered in the Week	
Males .....	468	Males .....	503	Males .....	622
Females .....	446	Females .....	480	Females .....	654
Total .....	914	Total .....	983	Total .....	1276

Deaths registered in this the fifth week of the second quarter, and in each of the corresponding weeks of the same quarter of the seven preceding years:—  
 (1840) 846 (1841) 805 (1842) 771 (1843) 894 (1844) 877 (1845) 883 (1846) 831 (1847) 974  
 Deaths in the districts added in 1847..... 9  
 (average of the series of weeks, exclusive of the last) 844

NOTE.—The above return contains births and deaths which occurred in the sub-district of Hampstead; and in the sub-districts of Plumstead and Charlton, Lee, Lewisham, Eitham, and Sydenham, added at the commencement of this year for the first time. The increase which arises from these additional returns amounts, for the present week, to 26 births and 9 deaths.

The mortality of Wandsworth and Clapham was added to the Weekly Returns for London in 1844. In this comparison, a correction is made for this District, in the corresponding weeks of the four preceding years.

\* The age of 1 person, whose death is assigned to typhus, is not stated.

DISTRICTS OF LONDON, Comprising 135 Registrars' Districts.		Area in square Miles	Population Enu- merated in 1841	Weekly Average derived from Deaths of 1842-6, and corrected for Increase of Population	DEATHS registered in the Week	BIRTHS registered in the Week
				5 Springs		
WEST DISTRICTS	{ Kensington; Chelsea; St. George, Hanover-square; Westminster; St. Martin in the Fields; St. James .....	17.2	301,326	141	136	211
NORTH DISTRICTS	{ St. Marylebone; St. Pancras; Islington; Hackney; part of Edmonton, viz. Hampstead	20.5	376,396	175	189	214
CENTRAL DISTRICTS	{ St. Giles and St. George; Strand; Holborn; Clerkenwell; St. Luke; East London; West London; City of London .....	2.8	374,759	168	155	228
EAST DISTRICTS	{ Shoreditch; Bethnal Green; Whitechapel; St. George in the East; Stepney; } Poplar .....	8.8	393,247	191	223	287
SOUTH DISTRICTS	{ St. Saviour; St. Olave; Bermondsey; St. George, Southwark; Newington; Lambeth; } Wandsworth and Clapham; Camberwell; Rotherhithe; Greenwich; Lewisham	66.2	502,483	239	280	336
TOTALS .....		115.5	1,948,211	914	983	1276

Births and Deaths not caused by Violence, registered in the Metropolis in the last 13 weeks, with the Mean Temperature for the same periods.

	6th Feb.	13th Feb.	20th Feb.	27th Feb.	6th Mar.	13th Mar.	20th Mar.	27th Mar.	3rd April	10th April	17th April	24th April	1st May
BIRTHS.....	1326	1364	1389	1478	1390	1435	1517	1376	1313	1489	1338	1417	1276
DEATHS (except from Violence) .....	1083	1131	1225	1022	974	1010	1086	965	949	1028	959	964	969
Deaths (except from Violence) at 60 yrs. & upwards .....	291	322	341	274	249	267	301	237	244	247	251	246	237
Bronchitis .....	111	127	134	112	86	103	90	84	73	81	68	70	62
Pneumonia .....	114	116	125	83	97	65	77	72	57	72	57	67	60
Asthma .....	36	50	61	31	29	27	42	23	25	20	23	20	22
Mean Temperature.....	34.8	25.6	45.7	35.8	37.9	35.7	48.8	46.6	36.8	47.9	42.6	45.5	48.1

## EXTRACTS FROM THE METROPOLITAN RETURNS OF THE PREVIOUS WEEK, No. 17.

(The tabular abstract on the first page is for the week ending Saturday, May 1st. The following selection of cases is made from the returns for the week ending April 24th).

NOTE.—M, or F, at the beginning of an entry indicates sex; the numerals which follow, mark the age at death, in years, except when otherwise stated. The italics at the end of an entry shew the duration of illness; and when the place is supplied by an asterisk (\*), the Coroner, Medical Practitioner, or other Informant, has not been able to ascertain, or has omitted to state the time in which the person has been subject to the disease or injury which has proved fatal. It should invariably be stated that duration of illness could not be ascertained, when this is the case.

### RETURNS OF VIOLENT DEATHS, MADE CHIEFLY BY CORONER.

NOTE.—The cases of violence not returned by the Coroner, have the words "no inquest."

Fractures and Contusions:—	duration	Drowning:—	duration	Hanging:—	duration
In Westminster Hospital, stable-helper, 40, (post mort.) shock of the system—fell over the banisters of a staircase at a house in Whitehall gardens, when carrying a box up stairs 6 days		M. under 40, (unknown), body greatly decomposed from being some weeks probably under water.		F. 22, hanging herself by a handkerchief to the bedpost, in temporary insanity.	
M. 73, rupture of a vessel of the brain, by accidentally falling down stairs.....	2 days	Sailor, 23, accidentally drowned by a fall from the ship "William."		Cheesebonger 46; suicide by hanging himself, being of unsound mind.	
Tailor 35, (no inquest), wound of the head—fell down the steps of Hungerford market.....	18 days	M. (age unknown), drowned himself in the waters of the new cut of the river Lea, in what state of mind unknown.		Burns:—	
F. 89, (no inquest), fractured neck of thigh-bone—old age .....	7 days	F. 22, found struggling in the water, and crying "save me, save me," and afterwards drowned therein; but how she came there no satisfactory evidence appeared.		Son of a painter 3, accidental burn.....	*
Wounds:—		Carpet-blocker, 32; suicide by drowning himself in the river Thames, being at the time of unsound mind.		This entry is obviously imperfect.	
M. artificial flower-maker, 27, suicide by cutting his throat, being of unsound mind.....	*	Apprentice seaman of the brig "Forsyth" of London, 14, found drowned in the river Thames, without marks of violence—no proof by what means he came into the water.		Neglect, &c.	
F. 28, wilfully murdered by James Young, by having her throat cut .....	*			F. newly-born, neglect and exposure to cold at the birth, without medical aid—wilfully murdered, by whom unknown.	
F. 8 wks., wilfully murdered by James Young, by having her throat cut.....	*				

### FOURTEEN HOSPITALS.—CAUSES OF DEATHS (NOT VIOLENT) AS RETURNED BY THE MEDICAL OFFICERS.

NOTE.—Deaths in hospitals from fractures, wounds, burns, scalds, poison, are not contained in this list. See deaths by violence.

St. George's H.:—	duration	Middlesex Hospital:—(continued)	duration	St. Thomas' H.:—	duration
M. 56, inflamed synovial membrane of wrist—diffuse inflammation of forearm.....	*	F. 23, { tubercles of lungs, liver, spleen and kidneys .....	*	F. 39, { diseased mitral valves .....	*
F. 30, { diseased heart .....	18 months		(post mort.) { acute meningitis of cerebrum and spinal cord .....	F. 29, { bronchitis .....	3 months
(post mort.) { mottling degeneration of kidneys .....	5 months			M. 30, chronic ulcer— hæmoptysis .....	some time
Westminster H.:—		University College H.:—No deaths registered.		M. 42, epistaxis .....	1 month
M. 28, phthisis pulmonalis .....	1 year	Fever H.:—	duration	M. 36, { diseased kidneys .....	6 months
F. 51, (post mort.), febris—dothinenteria .....	7 days	(post mort.) { pneumonia .....	*	(post mort.) { anasarca .....	*
Charing Cross H.:—				pericarditis .....	*
M. 27, { two calculi in the bladder .....	*	Small Pox H.:—No Deaths registered.		M. 50, bronchitis .....	*
(post mort.) { inflammation of the kidneys .....	*	King's College H.:—		M. 40, typhus .....	*
		F. 38, heart disease—dropsy.....	*	M. 22, pleuritis .....	*
Middlesex H.:—		St. Bartholomew's H.:—		M. 18, jaundice .....	*
M. 49, ptechieial fever .....	*	M. 29, pericarditis—pneumonia—pleuritis....	*	Guy's H.:—	
M. 56, { emphysema pulmonum .....	*	M. 40, cancer of the kneejoint—amputation ..	*	M. 24, rheumatism—pericarditis—diseased aortic valves.....	2 years
		M. 40, disease of the anklejoint and affection of the lungs .....	*	M. 26, stricture .....	*
		M. 58, hydrothorax .....	*	M. 21, phthisis .....	*
		M. 23, phthisis—hydrothorax .....	*	M. 38, { pleuro-pneumonia .....	3 weeks
		M. 20, phthisis .....	*	gangrene of lung.	*
		M. 32, delirium tremens .....	*	F. 26, fistula—erysipelas after operation.....	*
F. 36, { cedema pulmonum .....	*			F. 18, gastro-enteritis .....	12 days
(post mort.) { contracted liver.....	*				
				Dreadnought H.:—	
				M. 28, { dysentery .....	13 months
				(post mort.) { peritonitis .....	7 days
				Royal Ordnance H.:—	
				Gunner in the Royal Artillery, 40, consumption 106 days	

DEATHS BY SMALL POX, TYPHUS, ETC., SYPHILIS, HÆMORRHAGE, MALFORMATION, HERNIA, DIABETES, STONE, CHILDBIRTH, DELIRIUM TREMENS,  
INTEMPERANCE, PRIVATION, ETC.

<i>Small Pox:—</i>	<i>duration</i>	<i>Typhus, &amp;c. (continued):—</i>	<i>duration</i>	<i>Childbirth (continued):—</i>	<i>duration</i>
F. 2, { small pox ..... 7 days 1st attack; never vaccinated—no medical attendant.		F. 30, typhus—diarrhœa ..... 14 days		F. 33, hæmorrhage—premature labour ..... 20 min.	
M. 20, { variola ..... 7 days cerebral effusion.		M. 33, fever ..... 7 days		F. 27, fever after confinement ..... 8 days	
<i>In all cases it should be stated whether the deceased had been vaccinated with effect.</i>		F. 25, fever—convulsions ..... 9 days		F. 32, { placenta prævia ..... 24 hours after delivery hæmorrhage .....	
M. 9 mon., small pox, without previous vaccination—no medical attendant. .... *		M. 5, typhus ..... *		F. 26, { childbirth ..... 10 days puerperal fever .....	
F. 2, small pox (never vaccinated) ..... 2 weeks		M. 6, fever ..... *		F. 21, { childbirth ..... 7 days puerperal convulsions .....	
M. 4, { cancrum oris ..... 4 days small pox (vaccinated) .....		M. 18, fever ..... 21 days		F. 28, parturition—puerperal convulsions. .... *	
M. 20 days, variola (natural) ..... 9 days		<i>See Hospital Returns.</i>		F. 41, inflammation after childbirth ..... 1 week	
F. 4, small pox (vaccinated) ..... *		<i>Ague:—</i>		F. 33, { pleuripneumonia ..... 4 days pneumonia ..... 4 days	
M. 1, small pox (never vaccinated) ..... 10 days		F. 33, ague ..... *		(p.m.) { parturition ..... 3 days hydrothorax ..... a few hours	
M. 42, { typhoid fever ..... 2 days never vaccinated.		<i>Remittent Fever:—</i>		<i>Other cases of Childbirth not classed under this head:—</i>	
Sisters, { 3, small pox (never vaccinated) ..... 14 days 5, small pox (never vaccinated) ..... 14 days		F. 2, cerebritis—febris remittens. .... 8 days		F. 34, { phthisis ..... *	
M. 8, { small pox ..... *		<i>Infantile Fever:—</i>		F. 52, { childbirth ..... 5 weeks uterine hæmorrhage .....	
<i>Typhus, &amp;c.:</i>		M. 1, { infantile fever ..... 3 weeks hydrocephalus ..... 10 days		F. 52, { icterus ..... 4 years general debility .....	
{ gastric fever ..... 11 weeks		<i>Syphilis:—</i>		F. 28, { hæmorrhage after parturition .....	
M. 40, { pleurisy ..... 10 weeks diarrhœa ..... 2 weeks		F. 52, secondary syphilis ..... *		tumour in the uterus (19 days' treatment) .....	
F. 5, atrophy from fever ..... 11 weeks		M. 27, { syphilis ..... 10 months abscesses on both lungs .....		<i>Delirium Tremens:—</i>	
F. 62, fever—bronchitis ..... 10 days		F. 27, syphilitic ulceration of vagina ..... *		M. 36, delirium tremens ..... 3 days	
F. 5 mon., fever ..... 3 weeks		<i>Hæmorrhage:—</i>		M. 40, delirium tremens ..... 1 week	
M. 5, { typhus ..... 14 days following a mild attack of modified small pox after vaccination. .... *		M. 11 days, spitting of blood ..... 4 days		<i>See Return of St. Bartholomew's Hospital.</i>	
F. 63, typhus ..... 14 days		F. 14, epistaxis ..... 6 months		<i>Intemperance; Privation:—</i>	
F. 26, brain fever ..... 13 days		F. 61 (inquest), natural death—effusion of blood from rupture of a vessel of the lungs ..... *		<i>No deaths classed under these heads.</i>	
F. 5, { low fever ..... 2 weeks hydrocephalus ..... 5 days		F. 56 (inquest), natural death—rupture of a blood vessel of the thorax ..... *		<i>Want of Breast-milk, &amp;c.:—</i>	
M. 18, fever ..... 1 week		M. 59, rupture of a blood-vessel ..... *		F. 6 mon., { diarrhœa ..... 12 days artificial food .....	
M. 18, typhus ..... 10 days		M. 5 mon. (post mort.), hæmorrhage from the lower intestines ..... 48 hours		F. 26 days, { pining for the breast ..... 7 days diarrhœa .....	
F. 74, { febris ..... 14 days erysipelas ..... 7 days		<i>See Return of St. Thomas' Hospital.</i>		<i>Miscellaneous Causes:—</i>	
F. 57, continued fever ..... *		<i>Malformation:—</i>		F. 35, (post mort.), enlargement of the liver; gallstones; tubercular cavities in the lungs, adhesion, &c. .... 5 years	
F. 63, fever ..... *		M. 4 mon., morbus coeruleus.		F. 57, { bronchocele ..... many years rupture of the thyroid vein producing suffocation by pressure upon the trachea ..... 30 minutes	
M. 27, febris—bronchitis ..... *		M. 14 days, exhaustion from want of nourishment, being from birth unable to suck, from some malformation in the organs of deglutition.		F. 75, nutmeg liver—anasarca ..... *	
F. 10, typhus ..... 5 weeks		F. 42 hours, malformation of the heart.		F. 48, ovarian dropsy ..... 5 years	
F. 5, typhus ..... 6 weeks		<i>Hernia:—</i>		M. 62, { asthma and disease of the heart ..... several years angina pectoris ..... 12 hours	
M. 77, low typhus ..... *		F. 58, { strangulated femoral hernia ..... *		M. 58, (inquest) natural death from diseased heart, which may have been accelerated by violence used to restrain him when in a state of great mental excitement. .... *	
M. 48, typhus ..... *		operation ..... 8 hours		M. 77, { condyloma ..... *	
M. 28, typhus ..... *		F. 77, strangulated hernia ..... 2 days		senility progressive.	
F. 46, typhus ..... 10 days		<i>Diabetes:—No deaths registered from this cause.</i>		M. 15, rheumatism—hypertrophy of the heart, dropsy caused by over-exertion as an errand boy. .... 5 months	
F. 76, fever ..... 10 days		<i>Stone:—</i>		M. 14, malignant tumour of the anterior mediastinum, growing into the right lung and nearly surrounding the heart. .... *	
M. 22, continued fever terminating in effusion on the brain ..... 3 weeks		<i>See Return of Charing Cross Hospital.</i>			
F. 26, typhus ..... 14 days		<i>Childbirth:—The time elapsing from commencement of labour to death should invariably be returned.</i>			
M. 61, fever ..... 15 days		F. 30, { childbirth ..... 1 week convulsions .....			
F. 32, fever—dysentery ..... *		delivery ..... 2 weeks			
M. 10, synochus ..... 9 days		F. 26, { hæmorrhage ..... 1 day childbirth ..... 9 days			
M. 22, { fever ..... 3 months diarrhœa ..... 3 weeks		F. 19, { puerperal peritonitis ..... 5 days childbirth ..... 14 days			
M. 4, synochus petechialis ..... *		F. 27, { puerperal peritonitis ..... 10 days childbirth .....			
F. 33, { typhus ..... 25 days mortification of intestines.					
F. 2, typhus ..... 2 weeks					
F. 3, fever—meningitis ..... 4 weeks					
M. 80, fever—debility ..... *					

ANALYSIS OF CASES IN WHICH INQUESTS WERE HELD.—Violence, 15; apoplexy, 3; disease of heart, 1; other specified causes, 9; causes not specified, 12.

TOTAL, 40 cases.

THE NUMBER OF CASES in which it is recorded that a POST MORTEM EXAMINATION was held, is 37.

METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH,

During the Week ending Saturday, 1st May, 1847.

Day.	Phase	Mean height of the Barometer, from 12 Observations, (corrected and reduced to 32 degrees Fahrenheit.)	Readings of Thermometers										Difference between the mean Dew Point Temperature and Air Temperature			WIND							Mean Amount of Cloud, 0-10	Rain in inches, read at 9 o'clock the next morning		
			Dry			Dew Point	Highest in the sun, as shown by a self-register- ing Thermometer	Lowest on the grass, as shown by a self-register- ing Thermometer	In the Water of the Thames at Greenwich, by the self- registering Thermometer, read at 9 o'clock next morning		Mean of 18 Days	Greatest	Least	Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 35 years	General Direction		Pressure in lbs. on the square foot			Amount of Horizontal Movement of the Air in each day						
			Highest from 12 Obs.	Low- est from 12 Obs.	Mean from 12 Obs.	Mean from 12 Rits			Highest	Lowest					Diffa.	A.M.	P.M.	Greatest	Least		Mean of 12 Obs.					
1847	Moon																									
APRIL,			in.	o	o	o	o	o	o	o	o	o	o	o												
SUN.	25						80.0	33.0	49.8	49.2							S.W.	S.W.	5.0	0.0	0.0	150	5.0	0.00		
MON.	26	Apogee. In Equator.	29.696	55.5	40.0	48.4	39.4	—	39.0	49.8	49.2	9.0	18.2	0.5	+ 0.3	S. by W.	S. W.	5.5	0.0	1.3	240	8.6	0.15			
TUES.	27		29.547	59.5	46.3	52.7	41.4	75.0	37.2	50.8	49.5	11.3	20.9	2.5	+ 4.5	S. by W.	W.S.W.	10.0	0.0	2.8	395	7.1	0.01			
WED.	28		29.523	57.7	45.5	49.6	41.7	72.5	33.2	50.5	49.5	7.9	15.7	2.3	+ 1.2	W.S.W.	S.W.	7.0	0.0	2.8	—	4.6	0.11			
THU.	29		29.424	56.4	42.3	46.8	42.3	67.7	32.0	50.8	49.8	4.5	11.2	1.7	— 2.4	S.W.	S. W.	3.0	0.0	0.3	—	7.2	0.13			
FRI.	30	Full	29.568	55.6	41.0	45.0	39.9	76.5	26.0	50.5	49.5	5.1	15.7	0.9	— 5.0	S.W.	W.S.W.	2.0	0.0	0.1	—	7.8	0.11			
MAY SAT. I			29.657	53.5	37.0	46.2	39.1	73.0	36.0	50.5	50.0	7.1	17.4	1.4	— 5.9	S.S.W.	S.S.W. and S.S.E.	1.5	0.0	0.1	—	6.0	0.03			
MEANS			29.569	56.4	42.0	48.1	40.6	74.1	33.8	50.4	49.5	7.5	16.5	1.6	— 1.2	+						Sum in 3 days 78.5	7.7	Sum 0.54		

DAY	ELECTRICITY	Circumstances accompanying the exhibition of Electricity	GENERAL REMARKS
SUN.	Positive but weak at each examination.	See General Remarks.	Generally clear during the morning. Cumuli and cirrostrati were scattered about the sky during the remainder of the day.
MON.	Occasionally no electricity was shown. At other times it was positive, but weak.	See General Remarks.	The sky was cloudless till 2h. a.m., and about one-half covered with cirrostratus and scud from that time till 4h. a.m. Overcast afterwards throughout the day. Rain was falling heavily a little before noon.
TUES.	Positive and very weak, except at 1h. 30m. p.m., and from 9h. p.m. to midnight, when it was positive, with tension moderate.	See General Remarks.	Generally overcast till 4h. p.m., and about one-fifth covered with cloud during the remainder of the day. Slight rain was falling occasionally during the early part of the morning. Cumuli and cumulostrati were prevalent during the afternoon.
WED.	Positive and tension moderate till 6h. a.m. Nothing was shown from that time till 9h. a.m. Strong positive and negative electricity during the remainder of the morning. Frequent sparks were shown. Positive and tension moderate from 4h. p.m. to 10h. p.m.	See General Remarks. Occasional rain. The quality of the electricity changing with every cloud passing over the zenith.	Cloudless till 4h. a.m.; the sky was then generally about one-half covered with cirrostratus, cumuli, and fleecy clouds, throughout the day, except at about noon, when it was overcast with rain falling.
THURS.	Positive but weak till 9h. a.m. Very strong negative, and occasional positive, electricity, from 9h. 28m. a.m. till 1h. p.m. Negative and very active from 3h. to 6h. p.m. Positive and tension strong during the remainder of the day.	Occasional rain and hail. Thunder was heard between 6h. 20m. p.m., and 9h. 50m. p.m. Rain falling.	The sky was generally more than one-half covered with cloud throughout the day, and occasionally quite overcast. There were several squalls of hail and rain during the morning and afternoon. Several peals of distant thunder were heard from dark clouds in the S.W., between 6h. 20m. p.m. and 9h. 50m. p.m.
FRID.	Negative and very active at about 3h. p.m., and from 3h. 10h. to 5h. 30m. p.m. At other times it was positive with tension moderate.	Slight rain falling.	Cirrostratus and fleecy clouds covered about one-half of the sky till 2h. a.m., from which time till 6h. p.m. it was mostly overcast. At about noon the sky was covered with cumulostrati and cirrostrati. It was also very gloomy. Slight rain was falling occasionally during the afternoon. Nearly cloudless from 9h. p.m. till midnight.
SAT.	Positive and tension moderate throughout the day, except at about 1h. 20m. p.m., when it was negative and very active.	Rain. Cumulostrati prevalent.	The greater part of the sky was clear till about 9h. 30m. a.m., but generally overcast during the remainder of the day. Thunder was heard in the S.E., between 10h. 10 m. and 16h. 30m. a.m., at which time there was a squall of hail and rain. Slight rain was falling during the afternoon and evening.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The amount of clouds is estimated by considering a clear sky to be represented by 0, a cloudy sky by 10; and when partially cloudy by estimating the number of tenths of the whole sky covered with cloud. The observations are taken every two hours, day and night.

The readings of the two self-registering thermometers, the one placed in the full rays of the sun, and the other placed on grass fully exposed to the sky, are taken every morning at 9 A.M., and therefore exhibit the highest and lowest readings respectively, that have occurred in the previous 24 hours. They are, however, placed here opposite to the civil day which precedes that on which the thermometers are read.

Whewell's anemometer (from the indications of which the estimation of horizontal movement is made) is read at 10 A.M., and the result given is for the 24 hours preceding. It is placed here opposite to the civil day, which precedes that on which the anemometer is read. During the last four days of this week the anemometer has been under repair.

The average temperature for 25 years is furnished by Mr. Henry, Assistant at the Royal Observatory, from the observations made at his residence in the neighbourhood of Greenwich Park.

\* In reading the 16th column, it will be borne in mind that + is read "higher," and — "lower," than the average.

The temperature of the water of the Thames is ascertained by the use of a self-registering thermometer, suspended from the side of the Dreadnought Hospital Ship, at the depth of about 2 feet below the surface. The readings of this instrument are registered under the superintendence of Lieutenant Sanders, R.N., Superintendent of the Dreadnought. The mean reading of a thermometer placed on the mainmast, and read each day at 6H. 30M. A.M., was 45.3; and the mean reading at 7H. 30M. P.M., was 48.0; the mean readings at the Royal Observatory for the same times were 45.2 and 48.3 respectively.

† The mean direction of the wind during the week is S. W

A TABLE OF  
Births and Deaths registered in London,  
During the Week ending Saturday, May 8th, 1847.

ANNUAL SERIES VIII.]

PUBLISHED BY AUTHORITY OF THE REGISTRAR GENERAL.

[No. 19]

Causes of Death	Age			Total	Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population 5 Springs	Causes of Death.	Age			Total	Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population 5 Springs
	0 to 15	15 to 60	60 and upwards				0 to 15	15 to 60	60 and upwards		
ALL CAUSES.....	418	339	230	987	914	IV.—Laryngitis .....	5	..	..	5	1
SPECIFIED CAUSES .....	417	338	230	985	909	Quinsey .....	1	..	..	1	1
I.—Zymotic (or Epidemic, Endemic, and Contagious) Diseases.....	102	27	8	137	166	Bronchitis .....	18	20	28	66	21
SPORADIC DISEASES—						Pleurisy .....	1	4	6	11	2
II.—Dropsy, Cancer, and other Diseases of uncertain or variable Seat .....	69	27	17	113	99	Pneumonia .....	48	14	16	78	63
III.—Diseases of the Brain, Spinal Marrow, Nerves and Senses ..	104	31	32	167	158	Hydrothorax .....	..	2	..	2	5
IV.—Diseases of the Lungs, and of the other Organs of Respiration ..	91	148	75	314	275	Asthma .....	..	7	11	18	14
V.—Diseases of the Heart and Blood-vessels .....	4	27	14	45	29	Phthisis (or Consump- tion) .....	14	93	12	119	152
VI.—Diseases of the Stomach, Liver, and other Organs of Digestion ..	40	33	18	91	70	Disease of Lungs, &c.....	4	8	2	14	15
VII.—Diseases of the Kidneys, &c.....	1	7	4	12	8	V.—Pericarditis.....	..	2	..	2	2
VIII.—Childbirth, Diseases of the Uterus, &c. ....	..	20	2	22	10	Aneurism .....	..	2	..	2	.8
IX.—Rheumatism, Diseases of the Bones, Joints, &c.....	3	8	1	12	8	Disease of Heart, &c. ....	4	23	14	41	27
X.—Diseases of the Skin, Cellular Tissue, &c. ....	..	2	2	4	2	VI.—Teething.....	8	..	..	8	14
XI.—Old Age .....	..	..	54	54	57	Gastritis .....	..	1	1	2	13
XII.—Violence, Privation, Cold and Intemperance .....	3	8	3	14	28	Enteritis .....	4	5	2	11	3
I.—Small Pox .....	12	..	..	12	15	Peritonitis .....	..	6	3	9	3
Measles .....	13	..	..	13	23	Tabes Mesenterica.....	22	..	..	22	10
Scarlatina .....	8	2	1	11	24	Worms .....	..	..	..	..	.6
Hoopmg Cough .....	32	..	..	32	39	Ascites .....	..	..	..	..	1
Croup .....	6	..	..	6	8	Ulceration (of Intestines, &c.).....	..	..	..	..	2
Thrush .....	1	..	..	1	4	Hernia .....	..	4	2	6	2
Diarrhoea .....	10	..	1	11	7	Colic or Ileus .....	2	1	1	4	3
Dysentery .....	2	1	2	5	1	Intussusception .....	3	1	..	4	.8
Cholera .....	..	..	..	..	.6	Stricture (of the Intestinal Canal) .....	..	..	1	1	.4
Influenza .....	..	..	..	..	2	Hæmatemesis .....	..	1	..	1	.9
Ague .....	..	..	..	..	.4	Disease of Stomach, &c. ..	1	3	2	6	5
Remittent Fever.....	1	..	..	1	.8	Disease of Pancreas .....	..	..	..	..	..
Typhus .....	11	19	4	34	34	Hepatitis .....	..	5	2	7	2
Erysipelas .....	4	4	..	8	6	Jaundice .....	..	..	2	2	2
Syphilis .....	2	1	..	3	1	Disease of Liver, &c. ....	..	6	2	8	9
Hydrophobia .....	..	..	..	..	..	Disease of Spleen.....	..	..	..	..	.1
II.—Hæmorrhage .....	..	..	1	1	3	VII.—Nephritis.....	..	1	..	1	.6
Dropsy .....	3	7	7	17	26	Ischuria .....	..	1	..	1	.2
Abscess .....	..	..	..	..	2	Diabetes .....	..	..	..	..	.4
Noma .....	..	..	..	..	..	Cystitis .....	..	..	1	1	.4
Mortification .....	..	1	1	2	4	Stone .....	..	1	..	1	.5
Purpura .....	..	..	2	2	.4	Stricture (of the Urethra) ..	..	1	1	2	.9
Scrofula .....	7	..	..	7	4	Disease of Kidneys, &c. ..	1	3	2	6	6
Cancer .....	..	11	3	14	12	VIII.—Childbirth .....	..	14	..	14	7
Tumour .....	..	..	..	..	.6	Paramenia .....	..	..	..	..	.2
Gout .....	..	1	1	2	1	Ovarian Dropsy .....	..	2	2	4	.6
Atrophy .....	33	2	1	36	11	Disease of Uterus, &c. ....	..	4	..	4	2
Debility .....	21	2	..	23	21	IX.—Arthritis .....	..	..	..	..	.1
Malformations .....	3	..	..	3	.2	Rheumatism .....	..	4	1	5	3
Sudden Deaths (including Coroners' Inquests, in which it is not shewn from what diseases or causes the persons died.)	2	3	1	6	12	Disease of Joints, &c. ....	3	4	..	7	4
III.—Cephalitis .....	13	2	1	16	12	X.—Carbuncle .....	..	..	1	1	.1
Hydrocephalus .....	37	..	..	37	38	Phlegmon .....	..	1	..	1	.2
Apoplexy .....	..	10	12	22	22	Ulcer .....	..	..	1	1	.5
Paralysis .....	..	10	12	22	18	Fistula .....	..	..	..	..	.3
Convulsions.....	52	..	..	52	49	Disease of Skin, &c.....	..	1	..	1	.6
Tetanus .....	..	..	..	..	.4	XI.—Old Age .....	..	..	54	54	57
Chorea .....	..	..	..	..	.1	XII.—Intemperance .....	..	..	..	..	.9
Epilepsy .....	..	5	2	7	5	Privation.....	..	..	..	..	.3
Insanity .....	..	1	2	3	1	Violent Deaths .....	3	8	3	14	27
Delirium Tremens.....	..	1	..	1	2	Causes not Specified.....	1	1	..	2	5
Disease of Brain, &c. ....	2	2	3	7	11						

Weekly Average derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population		5 Springs.		Deaths registered in the Week		Deaths registered in the Week		Deaths registered in the Week		Deaths registered in the Week	
Males .....	468	Females .....	446	Total .....	914	Males .....	486	Females .....	501	Total .....	987
Deaths registered in this the sixth week of the second quarter, and in each of the corresponding weeks of the same quarter of the seven preceding years:—		(1840)		(1841)		(1842)		(1843)		(1844)	
(1840)		869		776		788		898		812	
Deaths in the districts added in 1847.....		19		19		19		19		19	

NOTE.—The above return contains births and deaths which occurred in the sub-district of Hampstead; and in the sub-districts of Plumstead and Charlton, Lee, Lewisham, Eltham, and Sydenham, added at the commencement of this year for the first time. The increase which arises from these additional returns amounts, for the present week, to 23 births and 19 deaths.

The mortality of Wandsworth and Clapham was added to the Weekly Returns for London in 1844. In this comparison, a correction is made for this District, in the corresponding weeks of the four preceding years.

DISTRICTS OF LONDON, Comprising 135 Registrars' Districts.		Area in square Miles	Population Enu- merated in 1841	Weekly Average derived from Deaths of 1842-6, and corrected for increase of Population	DEATHS registered in the Week	BIRTHS registered in the Week
				5 Springs		
WEST DISTRICTS	{ Kensington; Chelsea; St. George, Hanover-square; Westminster; St. Martin in the Fields; St. James	17.2	301,326	141	138	171
NORTH DISTRICTS	{ St. Marylebone; St. Pancras; Islington; Hackney; part of Edmonton, viz. Hampstead	20.5	376,396	175	185	232
CENTRAL DISTRICTS	{ St. Giles and St. George; Strand; Holborn; Clerkenwell; St. Luke; East London; West London; City of London	2.8	374,759	168	173	198
EAST DISTRICTS	{ Shoreditch; Bethnal Green; Whitechapel; St. George in the East; Stepney; Poplar	8.8	393,247	191	202	296
SOUTH DISTRICTS	{ St. Saviour; St. Olave; Bermondsey; St. George, Southwark; Newington; Lambeth; Wandsworth and Clapham; Camberwell; Rotherhithe; Greenwich; Lewisham	66.2	502,483	239	289	362
TOTALS		115.5	1,948,211	914	987	1259

Births and Deaths not caused by Violence, registered in the Metropolis in the last 13 weeks, with the Mean Temperature for the same periods.

	13th Feb.	20th Feb.	27th Feb.	6th Mar.	13th Mar.	20th Mar.	27th Mar.	3rd April	10th April	17th April	24th April	1st May	8th May
BIRTHS	1364	1389	1478	1390	1435	1517	1376	1313	1489	1338	1417	1276	1259
DEATHS (except from Violence)	1131	1225	1022	974	1010	1086	965	949	1028	959	964	969	973
Deaths (except from Violence) at 60 yrs. & upwards	322	341	274	249	267	301	237	244	247	251	246	237	227
Bronchitis	127	134	112	86	103	90	84	73	81	68	70	62	66
Pneumonia	116	125	83	97	65	77	72	57	72	57	67	60	78
Asthma	50	61	31	29	27	42	23	25	20	23	20	22	18
Mean Temperature	25.6	45.7	35.8	37.9	35.7	48.8	46.6	36.8	47.9	42.6	45.5	48.1	49.1

## EXTRACTS FROM THE METROPOLITAN RETURNS OF THE PREVIOUS WEEK, No. 18.

(The tabular abstract on the first page is for the week ending Saturday, May 8th. The following selection of cases is made from the returns for the week ending May 1st.)

NOTE.—M. or F. at the beginning of an entry indicates sex; the numerals which follow, mark the age at death, in years, except when otherwise stated. The italics at the end of an entry shew the duration of illness; and when the place is supplied by an asterisk (\*), the Coroner, Medical Practitioner, or other Informant, has not been able to ascertain, or has omitted to state the time in which the person has been subject to the disease or injury which has proved fatal. It should invariably be stated that duration of illness could not be ascertained, when this is the case.

### RETURNS OF VIOLENT DEATHS, MADE CHIEFLY BY CORONER.

NOTE.—The cases of violence not returned by the Coroner, have the words "no inquest."

Fractures and Contusions:—	duration	Wounds:—	duration	Suffocation:—	duration
In Charing Cross Hospital, plasterer, 37 ( <i>post mort.</i> ), fracture of the 4th cervical vertebra—found lying at the foot of the stairs at No. 47, Great St. Andrew Street, St. Giles—supposed to have fallen down stairs when intoxicated ..... <i>died 9 hours after being found</i>		In St. Bartholomew's Hospital, sorter of rags and iron, 45 ( <i>post mort.</i> ), cutting his throat with a knife (at Hoxton)..... <i>13 days</i>		Son of a civil engineer, 6 mon., found dead—apparently from suffocation.	
F. 70, found dead—apparently died from a fall in her own room.		F. 78 (single woman), accidental death from a wound in the head, causing soreness of the back and mortification .....	*		
Wife of a labourer, 21, natural death, accelerated by a fall or blow on the abdomen, causing peritoneal inflammation (how the injury was caused unknown).....	*	<b>Drowning:—</b>		<b>Burns:—</b>	
Daughter of a single woman, 1, rupture of a blood vessel of the brain, from an accidental fall .....	15 mins.	F. about 50 (person unknown), found dead in the River Thames at Woolwich.		In St. Bartholomew's Hospital, son of a waiter, 9, burnt by his night gown taking fire (at Fordham Grove, Islington).....	28 hours
Wife of a gentleman, 82, mortal injuries by falling down stairs accidentally .....	2 days	Son of a baker, 9, found dead in the waters of the Regent's Canal, without marks of violence—cause unknown.		<b>Poison:—</b>	
		Painter, 32, accidentally drowned by a fall from a ship into the River Thames.		Perfumer, 54, prussic acid taken and imbibed into his stomach—but by what means taken or administered unknown .....	*
		M. 38, drowned by the upsetting of a wherry accidentally (under water 1 hour).			

### FOURTEEN HOSPITALS.—CAUSES OF DEATHS (NOT VIOLENT) AS RETURNED BY THE MEDICAL OFFICERS.

NOTE.—Deaths in hospitals from fractures, wounds, burns, scalds, poison, are not contained in this list. See deaths by violence.

St. George's H.:—	duration	Fever H.:—	duration	London H.:—	duration
M. 30, phthisis pulmonalis .....	*	F. 38, { pneumonia..... <i>about 14 days</i>		M. 67, lithotomy .....	8 days
M. 23, psoas abscess .....	*	( <i>post mort.</i> ) { cerebral congestion ..... <i>7 days</i>		M. 45, retention .....	11 weeks
M. 53, chronic pleurisy, resulting in empyema	*	{ granular kidney..... <i>long standing</i>		{ left kidney, morbus Brightii, serous cysts, tuberculated, the weight 6 oz.	
F. 19, inflamed lachrymal sac—erysipelas ....	*	{ from Lambeth.		F. 20, { right kidney, morbus Brightii, the weight 1½ oz.	
<b>Westminster H.:—No deaths registered.</b>		<b>Small Pox H.:—No Deaths registered.</b>		( <i>post mort.</i> ) { heart, old pericarditis.....	*
<b>Charing Cross H.:—See Violent Deaths.</b>		<b>King's College H.:—</b>		{ cedema glottidis .....	12 hours
<b>Middlesex H.:—</b>		M. 48 ( <i>post mort.</i> ), abscess of kidney .....	3 weeks	{ carcinoma of ovaries .....	<i>probably 20 months</i>
M. 6, scarlatina .....	14 days	M. 16, typhus .....	3 weeks	{ carcinoma of lumbar vertebrae ..	10 months
<b>University College H.:—</b>		<b>St. Bartholomew's H.:—</b>		{ carcinoma in thorax, compressing all the organs in mediastina, and obliterating superior cava (extending into right auricle of heart), severesymptoms of which existed .....	4 months
M. 69, erysipelas of head and face .....	*	M. 20, tubercles in the lungs, and pleurisy ..	*	F. 34, { serous cyst, and ramolissement in anterior lobe of right brain—inflammation of dura mater over anterior lobe of left brain—no symptom observed.	
M. 21, continued fever .....	*	F. 15, phthisis .....	*		
F. 26, phthisis pulmonalis .....	*	F. 64, bronchitis .....	*		
		F. 70, mortification of the leg .....	*		
		F. 27, disease of the kidney .....	*		
		F. 56, cancer of the breast .....	*		
		F. 30, fever.....	*		

**FOURTEEN HOSPITALS.—CAUSES OF DEATH (NOT VIOLENT) AS RETURNED BY THE MEDICAL OFFICERS (continued):—**

<i>St. Thomas' H.:—</i>	<i>duration</i>	<i>Guy's H. (continued):—</i>	<i>duration</i>	<i>Dreadnought H.:—</i>	<i>duration</i>
F. 20, erysipelas during convalescence from fever .. .. *		M. 23, { tubercles in arachnoid and lungs... .. *		M. 33, { tubercular disease of right kidney 6 years (post mort.) { acute phthisis .. .. 5 weeks	
M. 60, chronic bronchitis and hæmoptysis .. .. *		{ cystitis of right kidney .. .. 3 weeks			
M. 15, typhus, maculated .. .. *		{ hydrocephalus .. .. 3 weeks			
M. 64, hernia—operation .. .. 1 week		{ stone .. .. *			
		M. 2, { operation .. .. 14 days		<i>Unité Hospital Ship:—</i>	
		{ peritonitis .. .. 2½ days			
<i>Guy's H.:—</i>		M. 8, diseased lungs .. .. *		Convicts, { M. 74, old age and diarrhoea .. .. *	
M. 32, { fungus hæmatodes of testis .. .. *		F. 26, pneumonia—phthisis—hæmoptysis .. 6 months		{ M. 55, asthma .. .. many months	
{ sloughing after puncture with groover needle .. .. 3 days		F. 30 (post mort.), necrosis of temporal bone —ulcer of pharynx—œdema of glottis .. .. *		(inquets) { M. 40, consumption .. .. 10 weeks	
		F. 30, diseased heart—dropsy .. .. *		{ M. 31, bronchitis .. .. *	
		F. 44, bronchitis—cystitis .. .. *		{ M. 65, dysentery .. .. *	

**DEATHS BY SMALL POX, TYPHUS, ETC., SYPHILIS, HÆMORRHAGE, MALFORMATION, HERNIA, DIABETES, STONE, CHILDBIRTH, DELIRIUM TREMENS, INTEMPERANCE, PRIVATION, ETC.**

<i>Small Pox:—</i>	<i>duration</i>	<i>Typhus, &amp;c. (continued):—</i>	<i>duration</i>	<i>Childbirth:—The time elapsing from commencement of labour to death should invariably be returned.</i>	<i>duration</i>
F. 1, { small pox (natural) .. .. *		M. 37, fever and diarrhoea .. .. about 1 week			
{ exfoliation of upper jaw .. .. 10 days		M. 32, typhoid fever .. .. *		F. 30, childbirth .. .. 14 days	
M. 4, { confluent small pox .. .. 2 days		F. 52, typhus .. .. 1 month		{ epistaxis .. .. 1½ days	
{ strong fits .. .. 2 days		F. 7, fever and debility .. .. 1 month		F. 44, { idiopathic erysipelas of face .. .. 5 days	
{ vaccinated twice about a year ago without effect .. .. 9 days		M. 9, typhus .. .. *		{ premature labour from putrescency of foetus .. .. 7 days	
F. 4, small pox (natural—confluent) .. .. 9 days		M. 41, { hepatitis acutus .. .. 7 days		F. 23, { childbirth .. .. 7 days	
{ small pox .. .. *		M. 30, typhus .. .. *		{ hysteritis .. .. 7 days	
M. 6, { vaccinated 5 years ago; no medical attendant .. .. 6 days		M. 64, { fever .. .. 14 days		F. 26, hæmorrhage accompanied with convulsions after childbirth .. .. 2 hours	
F. 16, small pox .. .. 6 days		{ erysipelas .. .. 8 days		F. 38, convulsions, which took place while pregnant—during her illness she gave birth to a dead male child .. .. 2½ days	
NOTE.—It should be stated in all cases whether vaccination had been performed with effect.		M. 44, low fever .. .. *			
		M. 16, fever .. .. 7 weeks		<i>Delirium Tremens:—</i>	
		<i>Remittent Fever:—</i>		M. 34, delirium tremens .. .. 4 days	
		F. 5, remittent fever—convulsions .. .. *		M. 54, { delirium tremens .. .. 6 days	
		<i>Infantile Remittent Fever:—</i>		{ terminating in effusion .. .. 20 hours	
		F. 2, { infantile remittent fever .. .. 3 weeks		M. 40, delirium tremens .. .. 6 days	
		{ congestion of the brain .. .. 3 days		M. 24, delirium tremens .. .. 18 days	
		<i>Syphilis:—</i>		M. 64, delirium tremens .. .. 10 days	
		M. 22, { long continued secondary syphilis.		<i>Intemperance:—</i>	
		{ tubercles, vomica and effusion into (p.m.) the chest .. .. 484 days		Pot boy, 48 (inquest), excessive drinking of spirituous liquors for the last 9 days.	
		{ whole duration of illness .. .. 484 days		<i>Privation:—No deaths referred to this head.</i>	
		M. 3 mon., syphilitic eruption—diarrhoea .. .. *		<i>Want of Breast-milk:—</i>	
		F. 6 weeks, congenital syphilis .. .. *		F. 4 mon., want of breast-milk—convulsions—no medical attendant .. .. *	
		F. 6 weeks, congenital syphilis .. .. *		F. under 1, inanition from want of breast-milk, 2 months	
		M. 26, syphilis—diarrhoea—chronic dysentery, 2 months		M. under 1, atrophy from imperfect nutrition .. .. *	
		<i>Hæmorrhage:—</i>		<i>Miscellaneous Causes:—</i>	
		M. 69, rupture of one of the large vessels near the heart .. .. suddenly		F. 14, arthritis (hip)—febris hectica .. .. *	
		M. under 1, hæmorrhage .. .. 3 days		F. 59, { cancer hepatis .. .. 6 years	
		F. 21 (inquest), natural death—rupture of a blood-vessel of the heart or thorax .. .. instant		{ cancer of the right lung .. .. several months	
		<i>Malformation:—</i>		{ anasarca .. .. 3 months	
		F. 18 days, morbus coruleus.		F. 57 (inquest), starvation, from cancer of the œsophagus closing the passage against nutriment .. .. disease of long duration	
		F. 4 (post mort.), malformation of the brain—convulsions .. .. *		{ tinea capitis .. .. 22 months	
		{ congenital malformation of the roof of the mouth .. .. 3 weeks		M. 2, { glandular inflammation .. .. 5 days	
		M. 5 weeks, { inanition .. .. *		{ convulsions .. .. 20 minutes	
		{ diarrhoea .. .. 3 weeks		M. 56, { carbuncle .. .. *	
		<i>Hernia:—</i>		{ erysipelas .. .. 8 weeks	
		F. 7 days, umbilical hernia .. .. congenital		M. 29 (inquest, post mort.), natural death— inflammation of the left great toe, with suppuration .. .. 3 days	
		M. 89, debility and hernia .. .. *			
		F. 36, hernia (no medical attendant) .. .. *			
		F. 21 (inquest) natural death from rupture of the peritoneum .. .. sudden			
		<i>See Return of St. Thomas' Hospital.</i>			
		<i>Diabetes:—No deaths registered from this cause.</i>			
		<i>Stone:—</i>			
		<i>See Returns of London and Guy's Hospitals.</i>			

*In the week ending May 1st, causes of deaths were—*

(1) Certified by written statement of Medical Attendant in .. ..	893 cases.
(2) Attested by Coroner, or stated by him to be "natural," or not ascertainable, in .. ..	44 "
(3) Not certified, in consequence of deceased persons having had no medical attendance .. ..	19 "
(4) Not certified .. ..	27 "

TOTAL... 933

Deaths under 1st and 2nd heads show a proportion to the total number of more than 95 per cent. It must be understood, that the term "certified" signifies, that in all cases to which it is applied, a written statement of the cause of death has been given by a qualified practitioner. Besides the 19 enumerated under the 3d head, more cases in which there was no medical attendance are probably included under the 2nd and 4th heads.

ANALYSIS OF CASES IN WHICH INQUESTS WERE HELD.—Violence, 14; apoplexy, 3; disease of the heart, 4; intemperance 1; other specified causes, 16; causes not specified, 6.—TOTAL, 44 cases.

THE NUMBER OF CASES in which it is reported that a POST MORTEM EXAMINATION was made, is 33.

# METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH,

During the Week ending Saturday, 8th May, 1847.

Day.  —  1847	Phases  of the  Moon	Mean height of the Barometer, from 12 Observations, (corrected and reduced to 32 degrees Fahrenheit.)	Readings of Thermometers										Difference between the Dew Point Temperature and Air Temperature			Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 25 years	WIND						Mean Amount of Cloud, 0-10	Rain in inches, read at 9 o'clock the next morning																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
			Dry			Dew Point	In the sun, as shown by a self-regis- tering Thermometer	In the Water of the Thames at Greenwich, by the self- registering Thermometer, read at 9 o'clock next morning	Mean			General Direction	Pressure in lbs. on the square foot				Amount of Horizontal Movement of the Air in each day																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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DAY	ELECTRICITY	Circumstances accompanying the exhibition of Electricity	GENERAL REMARKS
SUN.	In the morning nothing was shewn. Positive and tension moderate in the after- noon.	See General Remarks.	During the morning it was overcast, with slight rain falling at intervals. Cirrostratus, fleecy clouds, and scud generally covered the sky at other times. There were occasional extensive breaks during the afternoon.
MON.	Negative and very active from 11h. a.m. till 4h. p.m. At other times positive, with tension occasionally very strong.	Rain falling occasionally.	The sky was overcast throughout the day, except from 5h. to 6h. a.m., between which times it was cloudless. Rain was falling occasionally from 11h. a.m. till 4h. p.m. There was a violent squall of wind and rain from 1h. 30m. till 1h. 40m. p.m. At 1h. 25m. a sudden gust of 3lbs. 2 on the square foot was shewn at the anemometer, and at 1h. 30m. p.m. there was a gust of 4lbs. 3 shewn.
TUES.	Nothing was shewn till 6h. a.m. Negative and tension moderate from 11h. a.m. till 2h. p.m. At other times positive, with tension moderate.	Rain falling occasionally.	Generally overcast till 6h. p.m.; it was then nearly cloudless till 7h. p.m., and about three parts covered during the remainder of the day. There were a few showers during the morning.
WED.	Nothing was shewn at 5h. 20m. a.m.; at about 5h. p.m. and at midnight. At other times it was positive, with mo- derately strong tension.	See General Remarks.	The greater part of the sky was covered with thin cirrostratus and haze till 6h. a.m., at which time a thick fog prevailed; generally clear from that time till 10h. a.m., and mostly overcast during the remainder of the day.
THURS.	Nothing was shewn till 5h. a.m.; also from 5h. p.m. till 8h. p.m. At other times it was positive, with tension occasionally very strong.	See General Remarks.	About four-fifths of the sky were generally covered with cumuli, cirrostratus, and scud, except at about 3h. a.m., when it was cloudless, and from 3h. p.m. to 8h. p.m., between which time it was about one-fourth covered with detached cumuli, cirrostratus, and reticulated cirri. It was foggy during the early part of the morning.
FRID.	Positive and tension generally weak throughout the day.	See General Remarks.	Cirrostratus and fleecy clouds covered one-half of the sky till 8h. a.m. Overcast during the remainder of the day. Slight rain was falling at about 3h. p.m.
SAT.	Positive and tension moderate till 4h. a.m., at 5h. a.m., and from 1h. till 4h. p.m. Negative and tension occasionally strong from 5h. to 8h. p.m. At other times nothing was shewn.	Rain falling occasionally. Rain falling.	Generally overcast throughout the day, with rain falling at intervals.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The amount of clouds is estimated by considering a clear sky to be represented by 0, a cloudy sky by 10; and when partially cloudy by estimating the number of tenths of the whole sky covered with cloud. The observations are taken every two hours, day and night.

The readings of the two self-registering thermometers, the one placed in the full rays of the sun, and the other placed on grass fully exposed to the sky, are taken every morning at 9 A.M., and therefore exhibit the highest and lowest readings respectively, that have occurred in the previous 24 hours. They are, however, placed here opposite to the civil day which precedes that on which the thermometers are read.

Whewell's anemometer (from the indications of which the estimation of horizontal movement is made) is read at 10 A.M., and the result given is for the 24 hours preceding. It is placed here opposite to the civil day, which precedes that on which the anemometer is read. It has been under repair throughout the week.

The average temperature for 25 years is furnished by Mr. Henry, Assistant at the Royal Observatory, from the observations made at his residence in the neighbourhood of Greenwich Park.

\* In reading the 16th column, it will be borne in mind that + is read "higher," and - "lower," than the average.

The temperature of the water of the Thames is ascertained by the use of a self-registering thermometer, suspended from the side of the Dreadnought Hospital Ship, at the depth of about 2 feet below the surface. The readings of this instrument are registered under the superintendence of Lieutenant Sanders, R.N., Superintendent of the Dreadnought. The mean reading of a thermometer placed on the mainmast, and read each day at 6h. 30m. A.M., was 44.9; and the mean reading at 7h. 30m. P.M., was 50.3; the mean readings at the Royal Observatory for the same times were 45.0 and 49.5 respectively.

† The direction of the wind has been very variable throughout the week, but principally S.

# A TABLE OF

## Births and Deaths registered in London,

*During the Week ending Saturday, May 15th, 1847.*

ANNUAL SERIES VIII.]

PUBLISHED BY AUTHORITY OF THE REGISTRAR GENERAL.

[No. 20.]

Causes of Death	Age			Total	Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population 5 Springs	Causes of Death.	Age			Total	Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population 5 Springs
	0 to 15	15 to 60	60 and upwards				0 to 15	15 to 60	60 and upwards		
ALL CAUSES.....	389	360	229	978	914	IV.—Laryngitis .....	4	..	..	4	1
SPECIFIED CAUSES.....	386	359	229	974	909	Quinsey .....	1	..	1	2	1
I.—Zymotic (or Epidemic, Endemic, and Contagious) Diseases.....	106	36	15	157	166	Bronchitis .....	14	18	27	59	21
SPORADIC DISEASES—						Pleurisy .....	..	2	1	3	2
II.—Dropsy, Cancer, and other Diseases of uncertain or variable Seat .....	51	22	17	90	99	Pneumonia .....	43	12	12	67	63
III.—Diseases of the Brain, Spinal Marrow, Nerves and Senses ..	94	24	34	152	158	Hydrothorax .....	1	2	3	6	5
IV.—Diseases of the Lungs, and of the other Organs of Respiration ..	86	176	70	332	275	Asthma .....	..	5	15	20	14
V.—Diseases of the Heart and Blood-vessels .....	3	18	10	31	29	Phthisis (or Consump- tion) .....	21	127	9	157	152
VI.—Diseases of the Stomach, Liver, and other Organs of Digestion ..	38	32	18	88	70	Disease of Lungs, &c. ....	2	10	2	14	15
VII.—Diseases of the Kidneys, &c. ....	..	8	4	12	8	V.—Pericarditis.....	1	..	..	1	2
VIII.—Childbirth, Diseases of the Uterus, &c. ....	..	14	..	14	10	Aneurism .....	..	1	..	1	.8
IX.—Rheumatism, Diseases of the Bones, Joints, &c. ....	1	8	..	9	8	Disease of Heart, &c. ....	2	17	10	29	27
X.—Diseases of the Skin, Cellular Tissue, &c. ....	..	2	1	3	2	VI.—Teething.....	7	..	..	7	14
XI.—Old Age .....	..	..	57	57	57	Gastritis .....	1	4	3	8	13
XII.—Violence, Privation, Cold and Intemperance .....	7	19	3	29	28	Enteritis .....	5	1	1	7	3
I.—Small Pox .....	13	..	..	13	15	Peritonitis .....	2	5	..	7	10
Measles .....	17	1	..	18	23	Tuberc Mesenterica.....	15	..	..	15	.6
Scarlatina .....	15	..	..	15	24	Worms .....	2	..	..	2	1
Whooping Cough .....	30	..	..	30	39	Ascites .....	..	..	..	..	2
Croup .....	2	..	..	2	8	Ulceration (of Intestines, &c.) .....	..	1	..	1	2
Thrush .....	1	..	..	1	4	Hernia .....	..	1	..	1	2
Diarrhoea.....	7	2	2	11	7	Colic or Ileus .....	..	3	1	4	.8
Dysentery .....	..	1	1	2	1	Intussusception .....	..	..	..	..	.4
Cholera .....	..	..	..	..	.6	Stricture (of the Intestinal Canal) .....	..	1	..	1	.9
Influenza .....	..	..	1	1	2	Hæmatemesis .....	1	1	..	2	5
Ague .....	1	..	2	3	.4	Disease of Stomach, &c. ..	1	1	3	5	..
Remittent Fever.....	..	..	..	..	.8	Disease of Pancreas .....	..	..	..	..	2
Typhus .....	15	29	8	52	34	Hepatitis .....	2	2	2	6	2
Erysipelas .....	4	2	1	7	6	Jaundice .....	1	..	1	2	9
Syphilis .....	1	1	..	2	1	Disease of Liver, &c. ....	1	12	7	20	.1
Hydrophobia .....	..	..	..	..	..	Disease of Spleen.....	..	..	..	..	..
II.—Hæmorrhage .....	..	..	1	1	3	VII.—Nephritis.....	..	1	..	1	.6
Dropsy .....	1	2	7	10	26	Ischuria .....	..	..	..	..	.1
Abscess .....	2	..	..	2	2	Diabetes .....	..	1	1	2	.4
Noma .....	..	..	..	..	..	Cystitis .....	..	..	..	..	.4
Mortification .....	..	3	3	4	4	Stone .....	..	..	..	..	.5
Purpura .....	..	1	1	2	.4	Stricture (of the Urethra) ..	..	..	..	..	.9
Scrofula .....	2	..	..	2	4	Disease of Kidneys, &c. ..	..	6	3	9	6
Cancer .....	..	11	2	13	12	VIII.—Childbirth .....	..	11	..	11	7
Tumour .....	..	..	..	..	.6	Paramenia .....	..	..	..	..	.2
Gout .....	..	3	1	4	1	Ovarian Dropsy .....	..	1	..	1	.6
Atrophy .....	26	..	..	26	11	Disease of Uterus, &c. ....	..	2	..	2	2
Debility .....	14	3	..	17	21	IX.—Arthritis .....	..	..	..	..	.1
Malformations .....	3	..	..	3	2	Rheumatism .....	1	5	..	6	3
Sudden Deaths (including Coroners' Inquests, in which it is not shewn from what diseases or causes the persons died.)	3	3	2	8	12	Disease of Joints, &c. ....	..	3	..	3	4
III.—Cephalitis .....	7	3	1	11	12	X.—Carbuncle .....	..	..	..	..	.1
Hydrocephalus .....	39	..	1	40	38	Phlegmon .....	..	1	..	1	.2
Apoplexy .....	2	5	13	20	22	Ulcer .....	..	1	1	2	.5
Paralysis .....	..	7	12	19	18	Fistula.....	..	..	..	..	.3
Convulsions.....	42	..	..	42	49	Disease of Skin, &c.....	..	..	..	..	.6
Tetanus .....	..	..	..	..	.4	XI.—Old Age .....	..	..	57	57	57
Chorea .....	..	..	..	..	.1	XII.—Intemperance .....	..	..	..	..	.9
Epilepsy .....	..	3	5	8	5	Privation.....	..	..	..	..	.3
Insanity .....	..	..	..	..	1	Violent Deaths .....	7	19	3	29	27
Delirium Tremens.....	..	2	..	2	2	Causes not Specified.....	3	1	..	4	5
Disease of Brain, &c. ....	4	4	2	10	11						

Weekly Average derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population		5 Springs.		Deaths registered in the Week		Births registered in the Week	
Males .....	468	Males .....	512	Males .....	512	Males .....	668
Females .....	446	Females .....	466	Females .....	466	Females .....	659
Total .....	914	Total .....	978	Total .....	978	Total .....	1327

DISTRICTS OF LONDON, Comprising 135 Registrars' Districts.		Area in square Miles	Population Enu- merated in 1841	Weekly Average derived from Deaths of 1842-6, and corrected for increase of Population	DEATHS registered in the Week	BIRTHS registered in the Week
				5 Springs		
WEST DISTRICTS	{ Kensington; Chelsea; St. George, Hanover-square; Westminster; St. Martin in the Fields; St. James .....	17.2	301,326	141	150	191
NORTH DISTRICTS	{ St. Marylebone; St. Pancras; Islington; Hackney; part of Edmonton, viz. Hampstead	20.5	376,396	175	169	260
CENTRAL DISTRICTS	{ St. Giles and St. George; Strand; Holborn; Clerkenwell; St. Luke; East London; West London; City of London.....	2.8	374,759	168	180	212
EAST DISTRICTS	{ Shoreditch; Bethnal Green; Whitechapel; St. George in the East; Stepney; Poplar .....	8.8	393,247	191	215	291
SOUTH DISTRICTS	{ St. Saviour; St. Olave; Bermondsey; St. George, Southwark; Newington; Lambeth; Wandsworth and Clapham; Camberwell; Rotherhithe; Greenwich; Lewisham	66.2	502,483	239	264	373
TOTALS .....		115.5	1,948,211	914	978	1327

Births and Deaths not caused by Violence, registered in the Metropolis in the last 13 weeks, with the Mean Temperature for the same periods.

	20th Feb.	27th Feb.	6th Mar.	13th Mar.	20th Mar.	27th Mar.	3rd April	10th April	17th April	24th April	1st May	8th May	15th May
BIRTHS .....	1389	1478	1390	1435	1517	1376	1313	1489	1338	1417	1276	1259	1327
DEATHS (except from Violence) .....	1225	1022	974	1010	1086	965	949	1028	959	964	969	973	949
Deaths (except from Violence) at 60 yrs. & upwards	341	274	249	267	301	237	244	247	251	246	237	227	226
Bronchitis .....	134	112	86	103	90	84	73	81	68	70	62	66	59
Pneumonia .....	125	83	97	65	77	72	57	72	57	67	60	78	67
Asthma .....	61	31	29	27	42	23	25	20	23	20	22	18	20
Mean Temperature .....	45.7	35.8	37.9	35.7	48.8	46.6	36.8	47.9	42.6	45.5	48.1	49.1	56.1

DEATHS registered in LONDON, in five corresponding weeks of eight years :—

No. of week..	16	17	18	19	20	Average
1840	917	882	859	882	785	865
1841	934	935	818	789	762	848
1842	834	808	781	798	830	810
1843	986	923	904	908	896	923
1844	856	890	887	822	872	865
1845	940	916	895	841	847	888
1846	979	868	843	853	850	879
1847	981	981	983	987	978	982
Average of first 7 years	921	889	855	842	835	868

The mortality of Wandsworth and Clapham, and that of Lewisham and sub-district of Hampstead, are included in the above table throughout the 8 years, though the former was not added to the Weekly Metropolitan Returns till 1844, nor the latter till 1847.

1	2	3	4
Ages	Deaths registered last week in London	Deaths which would have been registered if the rate of mortality had been the same as in Dorsetshire	Excess of Mortality in London during the week
0—15	389	279	110
15—35	142	138	4
35—55	177	103	74
55 and upwards	270	164	106
All Ages	978	684	294

The above Table (2nd Col.) shows the number of persons who died in London during the week ending May 15th, 1847, under 15 years of age; 15 and under 35; 35 and under 55; 55 years of age and upwards, respectively.

The third column is an approximation to the number of deaths which would have happened during the week at the same ages, if the rate of mortality at the several quinquennial and decennial ages of life had been the same as prevailed among the whole population of Dorsetshire in the 7 years 1838-44.

The fourth column exhibits the number of persons who died during the week in London, but who would not have died if the rate of mortality had not exceeded that in Dorsetshire. The mortality of males between the ages of 45—55 years, in Dorsetshire, was at the rate of 14 in 1000 annually: the mortality in the same years (1838—1844), and at the same ages in London, was 27 in 1000: and at all ages, the mortality in Dorsetshire is 20; in London, 27 in 1000. The population of London, it is believed, is as well provided with food and clothing as the people in Dorsetshire; the excess of sickness and mortality in London must, therefore, be ascribed to malignant causes, the greater part of which undoubtedly admit of removal, or mitigation.

## SCURVY.

In the Quarterly Report which appeared in *February* last, apprehension was expressed that scurvy may break out among the people of this country. The necessity of precautionary measures was also adverted to in the following terms :—

“ Dr. Baly, the physician to the Milbank Penitentiary, showed some time ago that scurvy was very prevalent in prisons from the dietaries of which potatoes were excluded, and did not exist where potatoes were used. The potato contains a small quantity of a vegetable acid, in combination with potash (bitartrate of potash, or cream of tartar). It is certain that scurvy, which was formerly common, has almost disappeared since the potato entered largely into the food of the population. If, now that the potato has grown scarce, this disease characterised among other symptoms by swollen bleeding gums again become prevalent, its simple prophylactics should be had recourse to.”

Although no deaths have yet been directly ascribed to scurvy in London, the disease, it is now ascertained, has appeared in many parts of the country. Several cases too have shewn themselves at the London Hospitals. Under these circumstances the following practical suggestions of Dr. Baly deserve the attention of the public. The poorer classes particularly should be properly informed on the subject. Where green vegetables and lime juice cannot be procured, a weak acidulated drink of cream of tartar and sugar may be tried; for it is the presence of the former salt, which probably renders the potato antiscorbutic.

“ It cannot be doubted,” says Dr. Baly, “ that the prevalence of Scurvy at the present time amongst the poor in Scotland, some parts of England, and even in London, is owing to the scarcity of vegetables, and especially of that kind of vegetable which alone the poor can usually obtain in quantity adequate for the preservation of health, namely, potatoes. The want of potatoes, as I have shown

“ elsewhere, was the cause of the appearance of scurvy in many prisons and other public institutions at former periods. The potato being now so scarce, other articles of diet have been substituted for it. The article substituted has been for the most part some cheap kind of grain, as Indian corn, rice, oats, barley, peas, or beans. But the farinaceous food made from grain has no anti-scorbutic property. It has been necessary, therefore, to supply this defect by flavouring the farinaceous food with lime juice, the great prophylactic against scurvy in the navy; or to combine with the food some fresh vegetable, such as turnips (Swedes), carrots, cabbages, onions, cress, and mustard. Both these measures, when tried, have been successful.

“ A small quantity of lime juice would be sufficient to give anti-scorbutic properties to the rice, meal, or Indian corn, food used by the poor, or an acidulous drink might be made with it. In either way, it would be an efficacious, and, I think, an economical preventive of the disease. Its use might be introduced with great advantage into workhouses and amongst the out-door poor.

“ The fresh vegetables I have named could seldom be procured by the poor themselves in sufficient quantity, but sometimes, perhaps, they might use plants which grow wild, such as the common water-cress and scurvy-grass. These are powerful anti-scorbutics, and most edible green vegetables, especially those which have an acid taste, possess the same properties.

“ The important point, however, seems to be, that the poor and the Guardians of the poor should be instructed that farinaceous foods, made of grain or meal of any kind, will not alone serve as substitutes for potatoes; that either some green vegetable or succulent root must be eaten with them; or the deficient antiscorbutic property supplied with lime juice.”

EXTRACTS FROM THE METROPOLITAN RETURNS OF THE PREVIOUS WEEK, No. 19.

(The tabular abstract on the first page is for the week ending Saturday, May 15th. The following selection of cases is made from the returns for the week ending May 8th.)

RETURNS OF VIOLENT DEATHS, MADE CHIEFLY BY CORONER.

NOTE.—The cases of violence not returned by the Coroner, have the words "no inquest."

Fractures and Contusions:—	duration	Drowning:—	duration	Hanging:—	duration
F. 48, concussion of the brain by accidentally falling over the step of a door	*	M. 10, drowning—not known how he came into the water, but probably suicide.		M. 64, suicide by hanging—of unsound mind.	
F. 58, injury of the head by falling down stairs	instant	F. probably 50, probably from drowning—no marks of violence.		M. about 28, hanged himself by a cord to a bed-post—his feet off the ground (temporary insanity).	
F. 76, accidentally run over by a dray, and killed on the spot		Labourer, 21, accidentally drowned by falling from a ladder into the River Thames.		Scalds:—	
F. 80 (no inquest), simple exhaustion, hastened by non-united fracture of thigh from accident.	18 months	Sea apprentice, 19, accidentally drowned by falling from a buoy into the river.		Daughter of a plumber, 1, scalds by pulling a basin of hot broth over her chest	4 weeks
In Guy's Hospital, M. 33 (no inquest—post mort.), pneumothorax from an injury	2 years	Draper's assistant, 36, drowned himself, being of unsound mind (under water 12 days).		Neglect:—	
acute peritonitis	*			M. newly born, wilfully murdered by neglect at birth—guilty person or persons unknown.	

FOURTEEN HOSPITALS.—CAUSES OF DEATHS (NOT VIOLENT) AS RETURNED BY THE MEDICAL OFFICERS.

NOTE.—Deaths in hospitals from fractures, wounds, burns, scalds, poison, are not contained in this list. See deaths by violence.

St. George's H.:—	duration	Fever H.:—	duration	St. Thomas' H.:—	duration
M. 50, scirrhus of the penis	*	M. about 28, { fever from Philip's Gardens, Tottenham Court Road.	3 weeks	F. 14, { hypertrophy of the heart	*
Westminster H.:—		M. 11, { fever from Covent Garden.	3 weeks	F. 14, { diseased mitral valves	10 months
M. 36 (post mort.), pleuritis—empyema	2 months	Small Pox H.:—		F. 64, { dropsy	3 months
F. 54, { strangulated hernia	20 days	F. 13, small pox, natural, confluent, hæmorrhagic	5 days	M. 86, phthisis	18 months
F. 21, typhus	14 days	King's College H.:—		M. 44, { phthisis	20 weeks
F. 29 (post mort.), cephalitis	1 month	M. 32 (post mort.), phthisis—pericarditis	14 days	M. 34, { chronic peritonitis	*
Charing Cross H.:—		St. Bartholomew's H.:—		tubercles in lungs	*
M. 40 (post mort.), acute peritonitis—typhoid fever	*	M. 32, disease of the kidneys	*	Guy's H.:—	
M. 46 (post mort.), calculus—irritation and ulceration of the bladder	*	M. 56, aneurism of the aorta	*	M. 58, typhus	8 days
Middlesex H.:—		M. 5, disease of the hip joint	*	M. 52, apoplexy	6 days
M. 21, diseased hip	3 years	F. 18, chronic endocarditis, with anasarca	*	F. 28, typhus—purpura	12 days
M. 22, syphilis	4 months	London H.:—		F. 5, { curvature of the spine	*
M. 56, { strangulated femoral hernia	5 days	M. 30, { aneurism of the descending aorta	*	(p.m.) { emphysema and bronchitis	20 months
F. 16, bronchitis	*	(post mort.) { bursting into the left side of the chest.	3 years	Dreadnought H.:—	
University College H.:—No deaths registered.		M. 35, morbus cordis	*	M. 21 (post mort.), spontaneous gangrene of the integuments of the chest	8 days
		M. 38, pneumonia	*	M. 23 (post mort.), phthisis	8 weeks
		F. 35, { mitral disease of heart	*	Royal Ordnance H.:—	
		(post mort.) { disease of kidney—first stage of morbus Brightii	6 weeks	Soldiers { M. 18, { acute catarrh	30 days
				in { M. 26, inflammation of windpipe	3 days
				Royal { M. 22, scarlatina	11 days
				Artillery { M. 29, consumption	10 months

DEATHS BY SMALL POX, TYPHUS, ETC., SYPHILIS, HÆMORRHAGE, MALFORMATION, HERNIA, DIABETES, STONE, CHILDBIRTH, DELIRIUM TREMENS, INTEMPERANCE, PRIVATION, ETC.

Small Pox:—	duration	Remittent Fever:—	duration	Childbirth (continued):—	duration
M. 5 mon., small pox (not vaccinated)	*	M. 10, remittent fever	4 weeks	F. 37, { parturition	32 days
M. 2, variola	10 days	Syphilis:—		F. 37, { intermittent fever	*
NOTE.—It should be invariably stated, whether deceased had been vaccinated, and with effect.		F. 14 days, syphilitic eruption	*	F. 42, typhoid fever	*
M. 1, small pox (after vaccination)	*	F. 8 mon., syphilis—marasmus	*	F. 42, puerperal peritonitis	10 hours
F. 5, small pox (1st attack—never vaccinated)	11 days	See Returns of Middlesex Hospital.		F. 35, { premature labour	2 hours
M. 6, { small pox	14 days	Hæmorrhage:—		F. 31, { flooding	2 hours
{ vaccinated when 3 months old.		F. 80 (inquest), apparently rupture of a vessel, found dead.		F. 31, { childbirth	2 days
M. 9, { small pox	4 days	Malformations:—		peritonitis	27 hours
{ without previous vaccination.		F. 2 days, malformation of the heart.		Tumour and Childbirth:—	
M. 2, small pox (natural)	10 days	M. 1, malformation of the heart—teething.		F. 35, { tumour in posterior wall of uterus	*
F. 4, small pox	14 days	F. 8 days, bladder and intestines imperfectly formed.		{ delivery	44 hours
M. 6, { small pox	1 month	Hernia:—		{ inflammation of womb and investing membranes	27 hours
{ pneumonia	7 days	M. 57 (post mort.), internal strangulation of the ilium	4 days	Delirium Tremens:—	
{ vaccinated with effect 5½ years ago.		F. 56, { old umbilical hernia	*	M. 36, delirium tremens	1 week
F. 2, natural small pox	9 days	F. 86, { strangulated	18 hours	Intemperance:—No deaths registered from this cause.	
M. 4 mon., { variola (natural)	10 days	operation.		Privation:—	
{ laryngitis.	*	F. 86, { hernia	28 years	No deaths in the present return classed under this head.	
See Small Pox Hospital Returns.		F. 47, umbilical hernia—peritonitis	*	Want of Breast-milk:—	
Typhus, &c.:—		See Returns of Westminster and Middlesex Hospitals.		M. 6 mon., { inanition from want of breast-milk	3 months
M. 56, continued fever	20 days	Diabetes.—No deaths registered from this cause.		{ purulent ophthalmia	3 weeks
F. 4, fever	2 weeks	Stone:—		F. 9 weeks, inanition from want of breast-milk and proper nourishment	since birth
F. 29, fever	2 weeks	See Return of Charing Cross Hospital.		M. 4 mon., atrophy from want of breast-milk	
F. 41, low fever	2 months	Childbirth:—The time elapsing from commencement of labour to death should invariably be returned.		{ inopia	2 days
M. 18, common continued fever	6 weeks	F. 25, { abortion with flooding	1 week	M. 2 days, { premature birth	3 days
M. 30, typhus mitior	7 days	{ tetanus	4 days	{ inopia	3 days
F. 42, typhus	*	F. 24, { puerperal peritonitis	10 days	M. 3 days, { premature birth	2 days
F. 7, { congestive fever	3 weeks	pericarditis	24 hours	{ inopia	2 days
{ hydrocephalus	3 days	F. 32, puerperal fever	28 hours	F. 2 days, { premature birth	3 days
M. 64, fever	*	F. 24, { childbirth	about 22 days	{ inopia	3 days
M. 13 (inquest), fever (under medical treatment 14 days)	*	peritonitis	10 days	F. 3 days, { premature birth	
M. 4, gastric fever	*	F. 27, puerperal convulsions produced by a fright	3 days	Miscellaneous Causes:—	
F. 7, typhus	14 days	F. 36, { confinement	60 days	M. 40, nephria—anasarca, followed by ischuria, coma, and apoplexy	some years
F. 8, typhus	13 days	childbirth	20 days	M. 30 days, { inflammation of thymus gland	1 month
M. 30, { diarrhoea—typhus	13 days	F. 24, { erysipelas	8 days	(p.m.) { asphyxia	*
{ hæmatemesis	2 days	gastritis	21 days	{ chronic bronchitis	10 years
M. 46, typhus	14 days	F. 19, { peritonitis	11 days	M. 47, { asthma	2 years
F. 15, fever	3 days	premature delivery of a daughter, 8 days previously		(p.m.) { dilatation of right ventricle and auricle of heart	2 years
M. 47, typhus—jaundice	*	F. 26, nervous fever—miscarriage	*	nutmeg liver	*
F. 34, typhus	*	F. 40, exhaustion after accouchment	2 hours	M. 43, angina pectoris	— years
F. 77, { natural decay	several years			M. 40, colica pientum	6 months
{ slight fever	14 days			F. 53, { ovarian dropsy	13 years
F. 64, { general debility	several years			{ ovarian tumour	4 weeks
{ slight fever	*			F. 54, ovarian dropsy	4 weeks
M. 8, fever	21 days			F. 65, ovarian dropsy	4 weeks
F. 7, { typhus	1 week			F. 81, ovarian dropsy	4 weeks
{ brain affected	1 week				
F. 3, fever—convulsions	6 days				
M. 73, fever	6 days				
M. 26, putrid typhus	6 days				
M. 6 mon., febris	2 weeks				
M. 18, fever, with inflammation of the brain	14 days				
F. 30, fever	14 days				
M. 33, continued fever	4 days				

See Hospital Returns.

ANALYSIS OF CASES IN WHICH INQUESTS WERE HELD.—Violence, 12; apoplexy, 3; disease of heart, 2; other specified causes, 12; causes not specified, 5.—TOTAL, 34 cases.

THE NUMBER OF CASES IN WHICH IT IS REPORTED THAT A POST MORTEM EXAMINATION WAS MADE, IS 33.

# METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH,

During the Week ending Saturday, 15th May, 1847.

Day.	Phases of the Moon	Mean height of the Barometer, from 12 Observations, (corrected and reduced to 32 degrees Fahrenheit.)	Readings of Thermometers										Difference between the mean Dew Point Temperature and Air Temperature			Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 25 years	WIND							Amount of Horizontal Movement of the Air in each day	Mean Amount of Cloud, 0-10	Rain in inches, read at 9 o'clock the next morning																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
			Dry			Dew Point Mean from 12 Rits	Highest in the sun, as shown by a self-register- ing Thermometer	Lowest on the grass, as shown by a self-register- ing Thermometer	In the Water of the Thames at Greenwich, by the self- registering Thermometer, read at 9 o'clock next morning		Mean of 12 Diff.	Greatest	Least	General Direction			Pressure in lbs. on the square foot																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
			High- est from 12 Obs.	Low- est from 12 Obs.	Mean from 12 Obs.				Highest	Lowest				A.M.	P.M.		Greatest	Least	Mean of 12 Obs.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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DAY	ELECTRICITY	Circumstances accompanying the exhibition of Electricity	GENERAL REMARKS
SUN.	Positive and tension moderate at each examination.	See General Remarks.	The sky was overcast during the morning. There were occasional breaks during the afternoon and evening.
MON.	Nothing was shewn till 5h. a.m.: at 2h. 20m. p.m.; and at about midnight. Positive and tension occasionally very strong from 5h. 20m. a.m. till 8h. p.m. Negative and active at 9h. 20m. p.m.	See General Remarks. Rain falling.	The sky was overcast with cirrostratus and scud, and rain fell till 2h. 20m. a.m.; from this time till 4h. p.m. the sky was generally about one-half covered with cloud, and overcast during the re- mainder of the day. Rain was falling occasionally between 8h. p.m. and midnight.
TUES.	Negative and tension strong at 5h. 20m. a.m. Positive and tension moderate during the remainder of the day.	Rain falling. See General Remarks.	Overcast till 2h. p.m., with rain occasionally falling; detached cumuli, cirrostratus, and scud generally covered about one-half of the sky during the remainder of the day. It was very gloomy from about 8h. till 9h. 30m. a.m.
WED.	Positive but weak at 5h. 20m. a.m. Positive and tension moderately strong from 9h. a.m. till midnight.	See General Remarks.	Nearly cloudless till 6h. a.m.; from this time thin cirrostratus and light clouds covered about one-half of the sky till 9h. a.m.; overcast from 9h. a.m. till 4h. p.m. The sky was partially clear during the evening, and became cloudless a little before midnight. Rain was falling at about 10h. a.m.
THURS.	Positive and tension very uniform throughout the day.	See General Remarks.	Cloudless till 4h. a.m.; from that time till 4h. p.m. the sky was generally about one-half covered with cumuli, cirrostratus, and scud. The arc of a solar halo was visible for a short time at about 1h. 20m. p.m.
FRI.	Positive and tension moderate through- out the day.	See General Remarks.	Cloudless till 2h. a.m.: from that time till 6h. p.m. the greater part of the sky was always covered with cumuli, cirrostratus, and scud. Cloudless during the remainder of the day.
SAT.	Nothing was shewn from 2h. till 6h. a.m. Negative and tension moderate at 9h. 20m. p.m. At other times it was positive with moderate tension.	Rain falling.	About seven-tenths of the sky were generally covered with cumuli, cirrostratus, and scud throughout the day. It was overcast from about 8h. p.m. till midnight. Rain was falling from 9h. p.m. till midnight. A solar halo was visible at about 5h. 30m. p.m.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The amount of clouds is estimated by considering a clear sky to be represented by 0, a cloudy sky by 10; and when partially cloudy by estimating the number of tenths of the whole sky covered with cloud. The observations are taken every two hours, day and night.

The readings of the two self-registering thermometers, the one placed in the full rays of the sun, and the other placed on grass fully exposed to the sky, are taken every morning at 9 A.M., and therefore exhibit the highest and lowest readings respectively, that have occurred in the previous 24 hours. They are, however, placed here opposite to the civil day which precedes that on which the thermometers are read.

Whewell's anemometer (from the indications of which the estimation of horizontal movement is made) is read at 10 A.M., and the result given is for the 24 hours preceding. It is placed here opposite to the civil day, which precedes that on which the anemometer is read. It has been under repair throughout the week.

The average temperature for 25 years is furnished by Mr. Henry, Assistant at the Royal Observatory, from the observations made at his residence in the neighbourhood of Greenwich Park.

\* In reading the 16th column, it will be borne in mind that + is read "higher," and — "lower," than the average.

The temperature of the water of the Thames is ascertained by the use of a self-registering thermometer, suspended from the side of the Dreadnought Hospital Ship, at the depth of about 2 feet below the surface. The readings of this instrument are registered under the superintendence of Lieutenant Sanders, R.N., Superintendent of the Dreadnought. The mean reading of a thermometer placed on the mainmast, and read each day at 6h. 30m. A.M., was 52.3; and the mean reading at 7h. 30m. P.M., was 58.0; the mean readings at the Royal Observatory for the same times were 52.5 and 56.5 respectively.

† The mean direction of the wind for the week is S.S.W.

# A TABLE OF

## Births and Deaths registered in London,

*During the Week ending Saturday, May 22nd, 1847.*

ANNUAL SERIES VIII.]

PUBLISHED BY AUTHORITY OF THE REGISTRAR GENERAL.

[No. 21.]

Causes of Death	Age			Total	Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population	5 Springs	Causes of Death.	Age			Total	Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population	5 Springs
	0 to 15	15 to 60	60 and upwards					0 to 15	15 to 60	60 and upwards			
ALL CAUSES.....	410	295	206	911	914		IV.—Laryngitis .....	1	..	1	2	1	
SPECIFIED CAUSES .....	410	295	206	911	909		Quinsey .....	1	1	..	2	1	
I.—Zymotic (or Epidemic, Endemic, and Contagious) Diseases.....	143	39	17	199	166		Bronchitis .....	14	11	13	38	21	
SPORADIC DISEASES—							Pleurisy .....	1	4	4	9	2	
II.—Dropsy, Cancer, and other Diseases of uncertain or variable Seat .....	51	25	14	90	99		Pneumonia .....	37	2	7	46	63	
III.—Diseases of the Brain, Spinal Marrow, Nerves and Senses ..	91	30	27	148	158		Hydrothorax .....	..	..	4	4	5	
IV.—Diseases of the Lungs, and of the other Organs of Respiration }	72	110	55	237	275		Asthma .....	..	4	8	12	14	
V.—Diseases of the Heart and Blood-vessels .....	..	21	15	36	29		Phthisis (or Consump- tion) .....	17	85	14	116	152	
VI.—Diseases of the Stomach, Liver, and other Organs of Digestion }	43	29	15	87	70		Disease of Lungs, &c. ....	1	3	4	8	15	
VII.—Diseases of the Kidneys, &c. ....	1	5	6	12	8		V.—Pericarditis.....	..	..	..	..	2	
VIII.—Childbirth, Diseases of the Uterus, &c. ....	..	8	1	9	10		Aneurism .....	..	..	..	..	8	
IX.—Rheumatism, Diseases of the Bones, Joints, &c. ....	3	5	1	9	8		Disease of Heart, &c. ....	..	21	15	36	27	
X.—Diseases of the Skin, Cellular Tissue, &c. ....	..	..	1	1	2		VI.—Teething.....	10	..	..	10	14	
XI.—Old Age .....	..	..	51	51	57		Gastritis .....	..	4	..	4	13	
XII.—Violence, Privation, Cold and Intemperance .....	6	23	3	32	28		Enteritis .....	3	3	2	8	3	
I.—Small Pox .....	10	1	..	11	15		Peritonitis .....	1	3	..	4	10	
Measles .....	33	..	..	33	23		Tabes Mesenterica.....	19	1	..	20	10	
Scarlatina .....	24	2	..	26	24		Worms .....	1	..	..	1	6	
Whooping Cough .....	35	..	..	35	39		Ascites .....	..	2	1	3	1	
Croup .....	2	..	..	2	8		Ulceration (of Intestines, &c.).....	..	..	..	..	2	
Thrush .....	5	..	..	5	4		Hernia .....	..	1	1	2	2	
Diarrhoea .....	10	1	3	14	7		Colic or Ileus .....	3	2	2	7	3	
Dysentery .....	..	..	1	1	1		Intussusception .....	2	..	..	2	8	
Cholera .....	1	..	..	1	6		Stricture (of the Intestinal Canal) .....	..	..	..	..	4	
Influenza .....	..	1	..	1	2		Hæmatemesis.....	..	..	1	1	9	
Ague .....	2	..	..	2	4		Disease of Stomach, &c. ..	3	4	2	9	5	
Remittent Fever.....	1	..	..	1	8		Disease of Pancreas .....	..	..	..	..	..	
Typhus .....	18	26	10	54	34		Hepatitis .....	..	..	1	1	2	
Erysipelas .....	1	5	3	9	6		Jaundice .....	1	..	1	2	2	
Syphilis .....	1	3	..	4	1		Disease of Liver, &c. ....	..	9	4	13	9	
Hydrophobia .....	..	..	..	..	..		Disease of Spleen.....	..	..	..	..	1	
II.—Hæmorrhage .....	1	2	..	3	3		VII.—Nephritis.....	1	..	..	1	6	
Dropsy .....	1	5	6	12	26		Ischuria .....	..	..	..	..	1	
Abscess .....	..	..	..	..	2		Diabetes .....	..	..	1	1	4	
Noma .....	..	..	..	..	..		Cystitis .....	..	..	..	..	4	
Mortification .....	..	..	..	..	4		Stone .....	..	1	2	3	5	
Purpura .....	1	1	..	2	4		Stricture (of the Urethra) ..	..	..	..	..	9	
Scrofula .....	4	..	..	4	4		Disease of Kidneys, &c. ..	..	4	3	7	6	
Cancer .....	1	11	3	15	12		VIII.—Childbirth .....	..	5	..	5	7	
Tumour .....	..	..	1	1	6		Paramenia .....	..	..	..	..	2	
Gout .....	..	..	..	..	1		Ovarian Dropsy .....	..	2	..	2	6	
Atrophy .....	21	..	2	23	11		Disease of Uterus, &c. ....	..	1	1	2	2	
Debility .....	15	3	..	18	21		IX.—Arthritis .....	..	..	..	..	1	
Malformations .....	3	..	..	3	2		Rheumatism .....	1	3	1	5	3	
Sudden Deaths (including Coroners' Inquests, in which it is not shewn from what diseases or causes the persons died.)	4	3	2	9	12		Disease of Joints, &c. ....	2	2	..	4	4	
III.—Cephalitis .....	13	7	1	21	12		X.—Carbuncle .....	..	..	..	..	1	
Hydrocephalus .....	26	..	..	26	38		Phlegmon .....	..	..	..	..	2	
Apoplexy .....	3	11	13	27	22		Ulcer .....	..	..	..	..	5	
Paralysis .....	..	4	8	12	18		Fistula.....	..	..	..	..	3	
Convulsions.....	43	..	..	43	49		Disease of Skin, &c.....	..	..	1	1	6	
Tetanus .....	..	..	..	..	4		XI.—Old Age .....	..	..	51	51	57	
Chorea .....	..	..	..	..	1		XII.—Intemperance .....	..	2	..	2	9	
Epilepsy .....	3	5	1	9	5		Privation .....	..	1	..	1	3	
Insanity .....	..	..	1	1	1		Violent Deaths .....	6	20	3	29	27	
Delirium Tremens.....	..	1	1	2	2		Causes not Specified.....	..	..	..	..	5	
Disease of Brain, &c. ....	3	2	2	7	11								

Weekly Average derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population	Males .....	468	Deaths registered in the Week	Males .....	487	Births registered in the Week	Males .....	653
	Females .....	446		Females .....	424		Females .....	614
	Total	914		Total..	911		Total..	1267

DISTRICTS OF LONDON, Comprising 135 Registrars' Districts.		Area in square Miles	Population Enu- merated in 1841	Weekly Average derived from Deaths of 1842-6, and corrected for Increase of Population	DEATHS registered in the Week	BIRTHS registered in the Week
				5 Springs		
WEST DISTRICTS	{Kensington; Chelsea; St. George, Hanover-square; Westminster; St. Martin in the Fields; St. James .....	17.2	301,326	141	129	178
NORTH DISTRICTS	{St. Marylebone; St. Pancras; Islington; Hackney; part of Edmonton, viz. Hampstead .....	20.5	376,396	175	179	268
CENTRAL DISTRICTS	{St. Giles and St. George; Strand; Holborn; Clerkenwell; St. Luke; East London; West London; City of London .....	2.8	374,759	168	139	209
EAST DISTRICTS	{Shoreditch; Bethnal Green; Whitechapel; St. George in the East; Stepney; Poplar .....	8.8	393,247	191	214	299
SOUTH DISTRICTS	{St. Saviour; St. Olave; Bermondsey; St. George Southwark; Newington; Lambeth; Wandsworth and Clapham; Camberwell; Rotherhithe; Greenwich; Lewisham .....	66.2	502,483	239	250	313
TOTALS .....		115.5	1,948,211	914	911	1267

Births and Deaths not caused by Violence, registered in the Metropolis in the last 13 weeks, with the Mean Temperature for the same periods.

	27th Feb.	6th Mar.	13th Mar.	20th Mar.	27th Mar.	3rd April	10th April	17th April	24th April	1st May	8th May	15th May	22nd May
BIRTHS .....	1478	1390	1435	1517	1376	1313	1489	1338	1417	1276	1259	1327	1267
DEATHS (except from Violence) .....	1022	974	1010	1086	965	949	1028	959	964	969	973	949	882
Deaths (except from Violence) at 60 yrs. & upwards .....	274	249	267	301	237	244	247	251	246	237	227	226	203
Bronchitis .....	112	86	103	90	84	73	81	68	70	62	66	59	38
Pneumonia .....	83	97	65	77	72	57	72	57	67	60	78	67	46
Asthma .....	31	29	27	42	23	25	20	23	20	22	18	20	12
Mean Temperature .....	35.8	37.9	35.7	48.8	46.6	36.8	47.9	42.6	45.5	48.1	49.1	56.1	58.4

DEATHS registered in LONDON, in six corresponding weeks of eight years:—

No. of week.	16	17	18	19	20	21	Average
1840	917	882	859	882	785	824	858
1841	934	935	818	789	762	861	850
1842	834	808	781	798	830	858	818
1843	986	923	904	908	896	984	917
1844	856	890	887	822	872	886	869
1845	940	916	895	841	847	822	877
1846	979	868	843	853	850	872	877
1847	981	981	983	987	978	911	970
Average of first 7 years	921	889	855	842	835	858	867

The mortality of Wandsworth and Clapham, and that of Lewisham and sub-district of Hampstead, are included in the above table throughout the 8 years; though the former was not added to the Weekly Metropolitan Returns till 1844, nor the latter till 1847.

1	2	3	4
Ages	Deaths registered last week in London	Deaths which would have been registered if the rate of mortality had been the same as in Dorsetshire	Excess of Mortality in London during the week
0—15	410	279	131
15—35	114	138	—24
35—55	147	108	44
55 and upwards	240	164	76
All Ages	911	684	227

The above Table (2nd Col.) shows the number of persons who died in London during the week ending May 15th, 1847, under 15 years of age; 15 and under 35; 35 and under 55; 55 years of age and upwards, respectively.

The third column is an approximation to the number of deaths which would have happened during the week at the same ages, if the rate of mortality at the several quinquennial and decennial ages of life had been the same as prevailed among the whole population of Dorsetshire in the 7 years 1838-44.

The fourth column exhibits the number of persons who died during the week in London, but who would not have died if the rate of mortality had not exceeded that in Dorsetshire. The mortality of males between the ages of 45—55 years, in Dorsetshire, was at the rate of 14 in 1000 annually: the mortality in the same years (1838—1844), and at the same ages in London, was 27 in 1000; and at all ages, the mortality in Dorsetshire is 20; in London, 27 in 1000. The population of London, it is believed, is as well provided with food and clothing as the people in Dorsetshire; the excess of sickness and mortality in London must, therefore, be ascribed to malignant causes, the greater part of which undoubtedly admit of removal, or mitigation.

## SCURVY.

In the Quarterly Report which appeared in February last, apprehension was expressed that scurvy may break out among the people of this country. The necessity of precautionary measures was also adverted to in the following terms:—

“Dr. Baly, the physician to the Milbank Penitentiary, showed some time ago that scurvy was very prevalent in prisons from the dietaries of which potatoes were excluded, and did not exist where potatoes were used. The potato contains “a small quantity of a vegetable acid, in combination with potash (bitartrate of “potash, or cream of tartar). It is certain that scurvy, which was formerly common, “has almost disappeared since the potato entered largely into the food of the “population. If, now that the potato has grown scarce, this disease characterised “among other symptoms by swollen bleeding gums again become prevalent, its “simple prophylactics should be had recourse to.”

Although no deaths have yet been directly ascribed to scurvy in London, the disease, it is now ascertained, has appeared in many parts of the country. Several cases too have shewn themselves at the London Hospitals. Under these circumstances the following practical suggestions of Dr. Baly deserve the attention of the public. The poorer classes particularly should be properly informed on the subject. Where green vegetables and lime juice cannot be procured, a weak acidulated drink of cream of tartar and sugar may be tried; for it is the presence of the former salt, which probably renders the potato antiscorbutic.

“It cannot be doubted,” says Dr. Baly, “that the prevalence of Scurvy at the “present time amongst the poor in Scotland, some parts of England, and even in “London, is owing to the scarcity of vegetables, and especially of that kind of “vegetable which alone the poor can usually obtain in quantity adequate for the “preservation of health, namely, potatoes. The want of potatoes, as I have shown

“elsewhere, was the cause of the appearance of scurvy in many prisons and other “public institutions at former periods. The potato being now so scarce, other “articles of diet have been substituted for it. The article substituted has been for “the most part some cheap kind of grain, as Indian corn, rice, oats, barley, peas, “or beans. But the farinaceous food made from grain has no anti-scorbutic property. It has been necessary, therefore, to supply this defect by flavouring the “farinaceous food with lime juice, the great prophylactic against scurvy in the “navy; or to combine with the food some fresh vegetable, such as turnips (Swedes), “carrots, cabbages, onions, cress, and mustard. Both these measures, when tried, “have been successful.

“A small quantity of lime juice would be sufficient to give anti-scorbutic properties to the rice, meal, or Indian corn, food used by the poor, or an acidulous “drink might be made with it. In either way, it would be an efficacious, and, I “think, an economical preventive of the disease. Its use might be introduced with “great advantage into workhouses and amongst the out-door poor.

“The fresh vegetables I have named could seldom be procured by the poor “themselves in sufficient quantity, but sometimes, perhaps, they might use plants “which grow wild, such as the common water-cress and scurvy-grass. These are “powerful anti-scorbutics, and most edible green vegetables, especially those which “have an acid taste, possess the same properties.

“The important point, however, seems to be, that the poor and the Guardians of “the poor should be instructed that farinaceous foods, made of grain or meal of “any kind, will not alone serve as substitutes for potatoes; that either some green “vegetable or succulent root must be eaten with them; or the deficient antiscorbutic “properly supplied with lime juice.”

EXTRACTS FROM THE METROPOLITAN RETURNS OF THE PREVIOUS WEEK, No. 20.

(The tabular abstract on the first page is for the week ending Saturday, May 22nd. The following selection of cases is made from the returns for the week ending May 15th.)

RETURNS OF VIOLENT DEATHS, MADE CHIEFLY BY CORONER.

NOTE.—The cases of violence not returned by the Coroner, have the words "no inquest."

Fractures and Contusions:—	duration	Wounds:—	duration	Hanging and Suffocation:—	duration
House painter, 33, fall from and with a ladder raised against a house, while working on it, from the ladder slipping.....	*	M. 47, cutting his throat with a razor, in temporary insanity.....	a few minutes	Stableman, about 62, suffocation by hanging—state of mind unknown.	
M. 55 (post mort.)—no inquest, abscess in dorsal and lumbar muscles.....	2 months	Drowning:—		Barrister at law, 55, suicide by hanging, being of unsound mind.	
had a fall on his back.....	3 months ago	M. 40, found drowned—but how he came into the water no evidence.		M. 12 wks., asphyxia from slipping off the pillow upon his face, having been placed in bed to sleep.	
M. 51, mortal fractures and bruises, caused by a fall from a ladder placed against a chimney while it was on fire.....	*	M. apparently 55, found dead (probably in the water 4 days).		Burns:—	
M. 2, accidental death by a fall from a chair, and concussion of the brain.....	9 days	M. probably 60, found drowned (a few hours in the water).		F. 15, burns by her clothes taking fire accidentally.....	19 days
Son of a bricklayer, 4, accidental death by a fall and blow on the head.....	11 weeks	M. 18, drowning.		Poison:—	
Son of a baker, 2, accidental death by a fall from a chair, and blow on the head.....	*	M. 13, drowned by falling out of a boat into the River Thames, at Cox's quay, whilst at play (under water 3 minutes).		M. 40, taking essential oil of almonds, in temporary insanity.	
Curman, 30, head accidentally crushed by the wheel of a waggon.....	*	F. 28, drowned in the River Thames by falling off a lighter.		F. 1 (no inquest), inflammation of the throat, from accidentally taking hartshorn spirits.....	3 days
M. 46, fractured ribs and collar bone, and other internal injuries, from being run over in Penchurch Street by a cart, the horse having run away.....	died in a few minutes	F. 34, died from the effects of immersion in the River Thames—but no evidence of the cause.		Neglect:—	
M. 43 (no inquest), meningitis from a blow on the head.....	some years ago	F. about 36, found drowned—but no evidence how.		F. newly born, found dead in Carlisle Street, Lambeth—wilfully neglected at birth—umbilical cord cut—great loss of blood—wilful murder against some person or persons unknown.	
M. 83 (no inquest), fractured neck of thigh bone—sloughing of parts.....	3 months	M. 35, drowning—but no evidence how he came into the water (under water 8 hours).			
F. 22, injury to the spine—but no evidence how caused.....	*	Widow of a weaver, 58, drowned herself in a bath of water, in a temporary state of insanity.			

THIRTEEN HOSPITALS.—CAUSES OF DEATHS (NOT VIOLENT) AS RETURNED BY THE MEDICAL OFFICERS.

NOTE.—Deaths in hospitals from fractures, wounds, burns, scalds, poison, are not contained in this list. See deaths by violence.

St. George's H.:—	duration	Fever H. (continued):—	duration	St. Thomas' H.:—	duration
M. 42, phthisis pulmonalis—ulceration of pharynx and larynx.....	*	F. 47, { pneumonia.....	2 weeks	M. 54, { disease of liver and aortic valves....	*
M. 35, strangulated hernia.....	*	(p.m.) { tubercles in the lungs.....	*	(p.m.) { hæmorrhage.....	9 months
M. 22, insanity—phthisis pulmonalis.....	*	{ in hospital 5 days—from Lambeth.		M. 24, { fungoid disease of the thigh bone ..	*
F. 22, malignant disease of the leg.....	*	King's College H.:—		(p.m.) { tabes.....	1 year
F. 65, dropsy.....	*	M. 36 (post mort.), phthisis.....	some months	M. 36, rheumatism.....	5 weeks
Westminster H.:—		F. 24 (post mort.), peritonitis.....	3 days	Guy's H.:—	
M. 35, cirrhosis—ascites.....	—months	St. Bartholomew's H.:—		M. 46, fever.....	15 days
Charing Cross H.:—No deaths registered.		M. 61, dropsy and pneumonia.....	*	M. 51, { varix of right leg.....	10 days
Middlesex H.:—No deaths registered.		M. 54, phthisis.....	*	(post mort.) { irritative fever.....	3 days
University College H.:—No deaths registered.		M. 18, disease of the joints (hip and wrist) ..	*	F. 40, renal dropsy.....	*
Small Pox H.:—No deaths registered.		M. 7, pneumonia.....	*	F. 31, tumour of the uterus, causing retroversion.....	12 days
Fever H.:—		M. 35, phthisis.....	*	F. 40, { phlegmonous inflammation of stomach.....	7 days
F. 39, { fever.....	17 days	M. 26, lumbar abscess.....	*	{ acute peritonitis.....	5 days
(p.m.) { two very small ulcers in ileum. In hospital 10 days—from Kensington.	*	M. 26, delirium tremens.....	*	Dreadnought H.:—	
F. 35, { phthisis.....	*	F. 65, general debility.....	*	M. 26, { hypertrophy and dilatation ....	3 years
(p.m.) { convalescent from fever with erysipelas 4 weeks from Lambeth.	*	F. 39, fever.....	*	(post mort.) { dropsy.....	2 months
		F. 64, pneumonia.....	*	M. 26, { typhus.....	18 days
		London H.:—		(post mort.) { inflammation of Peyer's glands.	*
		F. 34, chronic bronchitis.....	1 year		

DEATHS BY SMALL POX, TYPHUS, ETC., SYPHILIS, HÆMORRHAGE, MALFORMATION, HERNIA, DIABETES, STONE, CHILDBIRTH, DELIRIUM TREMENS, INTEMPERANCE, PRIVATION, ETC.

Small Pox:—	duration	Typhus, &c. (continued):—	duration	Diabetes:—	duration
F. 1, small pox (never vaccinated) no medical attendant.....	*	F. 2 mon., fever.....	*	M. 35, { diabetes.....	*
F. 1, small pox, first attack (never vaccinated).....	2 days	M. 46, typhus.....	21 days	(p.m.) { phthisis.....	2 years
M. 10, confluent small pox (without previous vaccination).....	7 days	M. 18, typhus.....	*	F. 62, diabetes—consumption.....	*
M. 8 mon., confluent small pox (never vaccinated).....	2 weeks	M. 2, brain fever.....	*	Stone:—No deaths registered from this cause.	
F. 1, variola, confluent, first attack—(never vaccinated).....	9 days	M. 28, fever—parotitis.....	3 weeks	Childbirth:—The time elapsing from commencement of labour to death should invariably be returned.	
M. 26 days, small pox (not vaccinated).....	*	M. 15, fever.....	5 days	F. 16, puerperal fever.....	9 days after childbirth
M. 4, variola (vaccinated).....	*	F. 30, brain fever.....	8 days	Query—Did fever commence or terminate on the ninth day after childbirth?	
M. 4, variola (not vaccinated).....	3 weeks	F. 22, fever.....	1 week	F. 23, childbirth.....	6 days
F. 7 mon., small pox (not vaccinated).....	7 days	M. 32, typhus.....	*	F. 22, puerperal peritonitis.....	14 days after childbirth
M. 7, { small pox.....	7 days	M. 43, typhus.....	*	F. 22, { childbirth.....	7 days
{ vaccinated 6 years ago.		F. 49, typhus.....	*	{ peritonitis.....	4 days
M. 3 weeks, small pox.....	6 days	F. 20, fever.....	*	F. 28, puerperal peritonitis.....	2 days
Chicken Pox:—		F. 7, gastric fever.....	*	F. 33 (inquest), natural death from hæmorrhage preceding labour.....	*
F. 7 mon., varicella.....	4 days	F. 83, febris.....	*	F. 26, { miscarriage.....	3 months
F. about 8 mon., debility of constitution—chicken pox—convulsions.....	*	M. 6, { fever.....	20 days	(p.m.) { erysipelas.....	4 weeks
Typhus, &c.:—		F. 39, fever.....	14 days	{ of typhoid character.	
M. 60, fever—meningitis.....	5 days	See Hospital Returns.		F. 35 (inquest), natural death in childbed.....	4 days
M. 17, febris.....	14 days	Ague:—		F. 27, puerperal peritonitis.....	4 days
F. 70, fever.....	3 weeks	M. 68, intermittent fever.....	6 weeks	F. 35, puerperal fever.....	6 days
F. 48, fever.....	*	F. 86, quotidian ague.....	*	F. 42, childbirth—puerperal fever.....	5 days
F. 60, fever—diarrhoea.....	6 weeks	M. 10, { intermittent fever.....	4 months	Delirium Tremens:—	
M. 25, typhus.....	*	{ remittent fever.....	3 weeks	M. 38, delirium tremens.....	*
F. 64, { fever.....	3 weeks	Infantile Fever:—		See Return of St. Bartholomew's Hospital.	
{ chronic inflammation of the brain.....	2 months	F. 10, { infantile fever.....	4 weeks	Gangrene and Delirium Tremens:—	
F. 39, fever—exhaustion.....	3 months	{ convulsions.....	12 hours	M. 89, { gangrenous inflammation of scrotum, 14 days.....	*
F. 48, synochus.....	10 days	F. 1, infantile remittent fever, and effusion on the brain.....	*	{ delirium tremens.....	8 days
F. 29, typhus—effusion into lateral ventricles.....	5 weeks	Syphilis:—		Intemperance; Privation:—	
M. 3, fever.....	1 week	F. 27, { syphilis—secondary.....	2 years	No deaths classed in present abstract under either of these heads.	
F. 61, typhus.....	8 days	{ inanition.....	3 days	Want of Breast-milk:—	
F. 3, fever.....	1 month	F. 2 mon., syphilis.....	7 weeks	F. 6 mon., { inanition from want of breast-milk, 3 months.....	*
M. 35, typhus.....	24 days	Hæmorrhage:—		{ purulent ophthalmia.....	3 weeks
F. 69, fever.....	10 days	F. 81, { nasal hæmorrhage.....	3 weeks	{ tabes mesenterica.....	3 weeks
M. 4, continued fever—typhus.....	10 days	{ cerebral congestion.....	3 days	F. 4 mon., { without breastmilk.....	from birth
M. 68, typhus.....	10 days	Malformations:—		F. 3 mon., gradual wasting from improper nutrition.....	from birth
F. 6, fever.....	10 days	F. 5 weeks (post mort.), perforate foramen ovale—convulsions.	*	Miscellaneous Causes:—	
F. 1, fever—gastric enteritis.....	*	F. 6 days (post mort.), malformation of stomach and intestines—stercoraceous vomiting.	*	M. 16, { disease of the knee-joint.....	*
F. 20, typhus.....	16 days	F. 3, { morbus cereleus.....	from birth	{ amputation of the thigh.....	6 days
M. 3 months, fever—convulsions.....	10 days	{ convulsions.....	a few minutes	F. 79, natural decay—cirrhosis.....	18 days
M. 8, { pleuritis.....	14 days	Hernia:—		{ chronic hepatitis.....	*
{ typhus.....	*	See Return of St. George's Hospital.		F. 61, { general debility.....	4 months
F. 2, synochus.....	14 days			{ severe fright.....	*
F. 6, typhus.....	14 days			{ ovarian dropsy, unilocular cyst (twice tapped).....	8½ years
F. 20, typhus.....	*			{ bronchoecle.....	*
M. 59, typhus.....	1 week				
F. 35, typhus.....	*				
M. 36, typhus—effusion on the brain.....	*				

ANALYSIS OF CASES IN WHICH INQUESTS WERE HELD.—Violence, 25; apoplexy, 2; disease of heart, 5; childbirth, 2; other specified causes, 4; causes not specified, 9.—TOTAL, 47 cases.

THE NUMBER OF CASES IN WHICH IT IS REPORTED THAT A POST MORTEM EXAMINATION WAS MADE, IS 35.

# METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH,

During the Week ending Saturday, 22nd May, 1847.

Day.	Phases of the Moon	Mean height of the Barometer, from 12 Observations, (corrected and reduced to 32 in area Fahrenheit.)	Readings of Thermometers										Difference between the Dew Point Temperature and Air Temperature			WIND					Mean Amount of Cloud, 0-10	Rain in inches, read at 9 o'clock the next morning																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
			Dry			Dew Point Mean from 12 Rits	Highest in the sun, as shown by a self-register- ing Thermometer	Lowest on the grass, as shown by a self-register- ing Thermometer	In the Water of the Thames at Greenwich, by the self- registering Thermometer, read at 9 o'clock next morning		Difference between the mean the Dew Point Temperature and Air Temperature			General Direction		Pressure in lbs. on the square foot			Amount of Horizontal Movement of the Air in each day																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
			High- est from 12 Obs.	Low- est from 12 Obs.	Mean from 12 Obs.				Highest	Lowest	Mean of 12 Diff.	Greatest	Least			Greatest	Least	Mean of 12 Obs.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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DAY	ELECTRICITY	Circumstances accompanying the exhibition of Electricity	GENERAL REMARKS
SUN.	In the morning nothing was shown. Positive and tension moderate in the afternoon.	See General Remarks.	During the morning the sky was generally overcast. Cumuli, cumulostrati and scud were the most prevailing clouds during the afternoon. There were several squalls of rain during the day.
MON.	Positive and generally weak throughout the day.	See General Remarks.	The sky was generally overcast till 10h. a.m.; about one-half covered with cirrostratus and large masses of scud from this time till 6h. p.m., and the greater part covered during the remainder of the day. The arc of a solar halo, the radius of which was 23°, was visible at about 11h. 15m. a.m.
TUES.	Positive and weak till noon. Tension moderate during the remainder of the day.	See General Remarks.	Mostly overcast with thin cirrostratus and scud throughout the day. Rain was falling from about 5h. p.m. till 9h. p.m.
WED.	Nothing was shown till 11h. a.m. Positive and tension moderately strong during the remainder of the day.	See General Remarks.	The greater part of the sky was covered with cirrostratus, cumuli, and masses of scud throughout the day, except shortly before midnight, when it became cloudless.
THURS.	Positive but very weak till 1h. p.m. Tension strong during the rest of the day.	See General Remarks.	Detached cumuli, cirrostratus and masses of scud generally covered the greater part of the sky till 2h. p.m. During the remainder of the day it was mostly cloudless. Rain was falling for a short time at about 11h. a.m.
FRID.	Positive and tension generally strong from 7h. a.m. till 6h. p.m. Positive but weak at other times.	See General Remarks.	The greater part of the sky was clear throughout the day. The prevailing clouds were detached cumuli and cirrostratus.
SAT.	Positive and generally weak throughout the day.	See General Remarks.	The sky was overcast till 6h. a.m., and from 9h. p.m. till midnight. Generally clear between these times.

The height of the cistern of the barometer is considered to be 150 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The amount of clouds is estimated by considering a clear sky to be represented by 0, a cloudy sky by 10; and when partially cloudy by estimating the number of tenths of the whole sky covered with cloud. The observations are taken every two hours, day and night.

The readings of the two self-registering thermometers, the one placed in the full rays of the sun, and the other placed on grass fully exposed to the sky, are taken every morning at 9 A.M., and therefore exhibit the highest and lowest readings respectively, that have occurred in the previous 24 hours. They are, however, placed here opposite to the civil day which precedes that on which the thermometers are read.

Whewell's anemometer (from the indications of which the estimation of horizontal movement is made) is read at 10 A.M., and the result given is for the 24 hours preceding. It is placed here opposite to the civil day, which precedes that on which the anemometer is read. It has been under repair throughout the week.

The average temperature for 25 years is furnished by Mr. Henry, Assistant at the Royal Observatory, from the observations made at his residence in the neighbourhood of Greenwich Park.

\* In reading the 16th column, it will be borne in mind that + is read "higher," and — "lower," than the average.

The temperature of the water of the Thames is ascertained by the use of a self-registering thermometer, suspended from the side of the Dreadnought Hospital Ship, at the depth of about 2 feet below the surface. The readings of this instrument are registered under the superintendence of Lieutenant Sanders, R.N., Superintendent of the Dreadnought. The mean reading of a thermometer placed on the mainmast, and read each day at 6h. 30m. A.M., was 53.8; and the mean reading at 7h. 30m. P.M., was 60.1; the mean readings at the Royal Observatory for the same times were 53.1 and 59.3 respectively.

† The mean direction of the wind for the week is S.W.

*During the Week ending Saturday, May 29th, 1847.*

[N<sup>o</sup>. 22]

		5 Springs.							
Weekly Average derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population	Males .....	468	Deaths registered in the Week	Males .....	503	Births registered in the Week	Males .....	618	
	Females .....	446		Females .....	457		Females .....	645	
	Total	914		Total..	960		Total..	1273	

NOTE.—In the week ending May 22nd, a man was reported to have died from "chronic asthma," at the advanced age of 102 years, in the sub-district of Borough Road.

DISTRICTS OF LONDON, Comprising 135 Registrars' Districts.				Area in square Miles	Population Enume- rated in 1841	Weekly Average derived from Deaths of 1842-6, and corrected for increase of Population 6 Springs	DEATHS registered in the Week	BIRTHS registered in the Week
WEST DISTRICTS	{ Kensington; Chelsea; St. George, Hanover-square; Westminster; St. Martin in the Fields; St. James .....			17.2	301,326	141	112	180
NORTH DISTRICTS	{ St. Marylebone; St. Pancras; Islington; Hackney; part of Edmonton, viz. Hampstead			20.5	376,396	175	191	281
CENTRAL DISTRICTS	{ St. Giles and St. George; Strand; Holborn; Clerkenwell; St. Luke; East London; West London; City of London.....			2.8	374,759	168	187	222
EAST DISTRICTS	{ Shoreditch; Bethnal Green; Whitechapel; St. George in the East; Stepney; Poplar .....			8.8	393,247	191	219	275
SOUTH DISTRICTS	{ St. Saviour; St. Olave; Bermondsey; St. George, Southwark; Newington; Lambeth; Wandsworth and Clapham; Camberwell; Rotherhithe; Greenwich; Lewisham }			66.2	502,483	239	251	315
TOTALS .....				115.5	1,948,211	914	960	1273

Births and Deaths not caused by Violence, registered in the Metropolis in the last 13 weeks, with the Mean Temperature for the same periods.

	6th Mar	13th Mar.	20th Mar.	27th Mar.	3rd April	10th April	17th April	24th April	1st May	8th May	15th May	22nd May	29th May
BIRTHS .....	1390	1435	1517	1376	1313	1489	1338	1417	1276	1259	1327	1267	1273
DEATHS (except from Violence) .....	974	1010	1086	965	949	1028	959	964	969	973	949	882	933
Deaths (except from Violence) at 60 yrs. & upwards .....	249	267	301	237	244	247	251	246	237	227	226	203	198
Bronchitis .....	86	103	90	84	73	81	68	70	62	66	59	38	47
Typhus .....	28	32	33	34	18	43	29	41	40	34	52	54	52
Purpura .....	0	1	2	2	2	0	1	5	1	2	1	2	3
Mean Temperature .....	37.9	35.7	48.8	46.6	36.8	47.9	42.6	45.5	48.1	49.1	56.1	58.4	63.4

DEATHS registered in LONDON, in seven corresponding weeks of eight years:—

No. of week.	16	17	18	19	20	21	22	Average of 7 weeks
1840	917	882	859	882	785	824	814	852
1841	934	935	818	789	762	861	791	841
1842	834	808	781	798	830	858	785	813
1843	886	923	904	908	896	884	900	914
1844	856	890	887	822	872	886	885	873
1845	940	916	895	841	847	822	917	883
1846	979	868	843	853	850	872	847	873
Average of first 7 years	921	889	855	842	835	858	850	864
1847	981	981	983	987	978	911	960	969

The mortality of Wandsworth and Clapham, and that of Lewisham and sub-district of Hampstead, are included in the above table throughout the 8 years, though the former was not added to the Weekly Metropolitan Returns till 1844, nor the latter till 1847.

1	2	3	4
Specified Ages	Deaths registered last week in London	Deaths which would have been registered if the rate of mortality had been the same as in Dorsetshire 1838-44	Excess of Mortality in London during the week
0-15	424	279	145
15-35	143	138	5
35-55	155	103	52
55 and upwards	237	164	73
All Ages	960	684	276

DEATHS from Purpura or from Scurvy in LONDON;—

YEARS	Quarters of 13 weeks each, ending in				Total in the Year
	March	June	Sept.	Dec.	
1842	3	5	4	4	16
1843	2	1	6	4	13
1844	5	3	7	6	21
1845	2	4	11	8	25
1846	5	9	9	5	28
1847	16	17 in 9 weeks			

Cases of Purpura returned in the week ending May 29th, 1847.—

A boy, age 1 year 9 months—purpura, 5 weeks; convulsions, 1 day—in Bermondsey (certified).

A man, age 47, in Bartholomew's Hospital—purpura, with pneumonia; disease of the kidneys and heart (certified).

A man, age 29, in Bartholomew's Hospital—perforation, 13 days; pneumonia, 16 days (certified).

In one of the ablest and most recent articles on scurvy (Library of Medicine, vol. 5, page 93), Dr. Budd contends, that scurvy and purpura are "essentially different" diseases: "they arise," he says, "from different causes; they differ in the circumstances of attack; and they require different treatment. We have already stated, that the essential cause of scurvy is prolonged abstinence from vegetable juices, and that the approach of the scorbutic habit is very gradual: purpura, on the contrary, often appears suddenly, and in many cases cannot be attributed to any peculiarity in diet. Scurvy, when occurring on land, is, from circumstances we have before mentioned, met with almost exclusively at the end of winter, or in the early part of the spring; purpura, on the other hand, is most common in summer and autumn. The livid and spongy state of the gums, which is pathognomonic of scurvy, and which, as well as the sallow and dusky hue of the skin, is a constant symptom of that disease, is not observed in purpura. Lastly, in scurvy, bleeding always does harm, and the disease is speedily cured by the use of succulent vegetables and fruits; while, in purpura, the abstraction of blood is often followed by relief, and the antiscorbutic juices are rarely, if ever, productive of much benefit."

Cases occur, however, in which it is by no means easy to separate the symptoms of scurvy from those of purpura. Dr. Laycock has recently recorded two cases (Medical Gazette, April 2nd) treated by him in York. He contends that, "the two diseases are allied," and are, in fact, "only varieties of the same disease;" citing in support of this view the increase of cases referred to purpura in the London Tables. This too, was the opinion of Willan, who considered purpura "under all the forms" described, as pertaining to the scurvy, though it is not always attended with sponginess of the gums, and a discharge of blood from them, according to the definition "of Scorbutus in Nosology." (Willan on Cutan. Dis. Vol. iii. p. 453.) The attention of medical men who have patients under their care, will, it is hoped, be directed to the investigation of the varieties of the symptoms, as well as the causes, of purpura, for it is a matter of great practical importance to decide the litigated question, whether it is a variety of scurvy, or a distinct disease, which can neither be prevented nor cured by the same means. In the nine weeks of the present quarter, 17 cases of purpura have already been returned. Scurvy, as distinguished from purpura, has hitherto been so unusual a cause of death, that though given in the Nosology (17 a scurvy; 17 b purpura), no separate heading was retained for it in the Tabular Abstracts; and the few cases mentioned were referred to the same number (No. 17) as purpura. In the March quarter, 14 cases were returned as purpura, 2 as scurvy; and a few cases of scurvy were probably scattered over the previous years.

## EXTRACTS FROM THE METROPOLITAN RETURNS OF THE PREVIOUS WEEK, No. 21.

(The tabular abstract on the first page is for the week ending Saturday, May 29th. The following selection of cases is made from the returns for the week ending May 22nd.)

### RETURNS OF VIOLENT DEATHS, MADE CHIEFLY BY CORONER.

NOTE.—The cases of violence not returned by the Coroner, have the words "no inquest."

Fractures and Contusions:—	duration	Fractures and Contusions (continued):—	duration	Fractures and Contusions (continued):—	duration
In London Hospital, carpenter, 49, (post mort.) accidental from a fall down the carcase of a house—fractured leg and inflammation. . . .	18 days	Labourer, 52, injuries to the brain by falling down a flight of steps, and also by falling in the public street accidentally. . . . .	12 days	F. 2, crushing of the head by a gravel-cart wheel, when at play in the road—having just escaped from the care of the mother. . .	instant
In London Hospital, shipwright, 48, accidental by a fall from a scaffold into the hold of a ship on his head, and erysipelas caused thereby. . . . .	14 days	In London Hospital, glazier, 64 (post mort.), kick on abdomen, and rupture of bladder—manslaughter against Mary Burns. . . . .	*	In London Hospital, railway guard, 25 (post mort.), accidentally jammed in the hand by the machinery of a railway train, and tetanus caused thereby. . . . .	15 days
In London Hospital, labourer, 28 (post mort.), accidentally forced off his legs, and caused to fall on his legs, by a rope used in shifting a ship from a dock, in a gale of wind. . . .	1 day	Moulder, 29, accidental death by the fall of a mould, which crushed his head and body. .	instant	In London Hospital, tidewater, 53, accidentally crushed by a crane in his hand, at the London Docks. . . . .	3 weeks
In London Hospital, stivadore, 45, accidental by a fall down a ship's hold, causing fracture of the skull. . . . .	3 days	In Charing Cross Hospital, son of a printer, 6, (post mort.) shock of the system from a blow on the forehead from a brewer's board, which was blown from the "Two Spies" public house, Catherine Street, Strand, during high wind. . . . .	15 days	In London Hospital, labourer, 31, effusion of blood from violence—but how caused no satisfactory evidence hath appeared. . . .	*
F. cook, 46, injury of the brain from falling down stairs, while descending in the dark. .	5 hours	In London Hospital, son of a draper, 11, accidentally run over by an omnibus, causing rupture of pelvis and other contusions. . .	1 day	F. 74 (no inquest), disease of hip from injury; and infirmities of age. . . . .	*
Shipwright, 42, accidental death by a fall, and by a piece of timber falling on his head. . .	*			In Middlesex Hospital, bricklayer's labourer, 55, injuries. . . . .	*

(An imperfect return—how were the injuries caused?)

# RETURNS OF VIOLENT DEATHS, MADE CHIEFLY BY CORONER (continued):—

Wounds:—	duration	Hanging and Suffocation (continued):—	duration	Burns and Scalds:—	duration
M. 29 (no inquest), punctured and poisoned wound—jaundice and abscesses.....	1 month	Convict, formerly a plasterer, 24, hanged himself with a handkerchief and piece of rope to the gaspipe in his cell, when in separate confinement—found dead with his feet on the ground, supposed to have been hanging about 1½ hour—temporary insanity.		In London Hospital, daughter of a bricklayer, 4, accidental from burns, from clothes taking fire.....	5 days
M. 40, cut his throat in a temporary state of insanity.....	instant	Flax dresser, 37, suicide by hanging himself to a beam, being in a state of mental derangement.		In London Hospital, daughter of a cooper, 4, accidental from burns from the clothes taking fire (at Poplar).....	1 day
<b>Drowning:—</b>		Wire drawer, 42, suicide by hanging himself to the rafter of a privy, being of unsound mind.		Widow of a master mariner, 73, burns by her clothes igniting accidentally.....	25 days
Daughter of a dyer, 16, found struggling in the Regent's Canal—died apparently from drowning—but how she came into the water no evidence to show.		Dresser of castings, 41, accidentally choked by a piece of beef passing into the trachea, having been seized with a fit of epilepsy ..	20 mins.	In London Hospital, daughter of a single woman, 1, accidental from scalds.....	*
<b>Hanging and Suffocation:—</b>					
Baker, 22, hanged and suffocated himself, while in an unsound state of mind.					

## FOURTEEN HOSPITALS.—CAUSES OF DEATHS (NOT VIOLENT) AS RETURNED BY THE MEDICAL OFFICERS.

NOTE.—Deaths in hospitals from fractures, wounds, burns, scalds, poison, are not contained in this list. See deaths by violence.

St. George's H.:—	duration	Fever H. (continued):—	duration	St. Thomas' H.:—(continued.)	duration
F. 23, ovarian dropsy—excision—peritonitis..	*	{ fever—pneumonia.....	20 days	M. 18, bubo—died of pneumonia.....	*
F. 11, phthisis pulmonalis—enlarged cervical and mesenteric glands.....	*	M. 12, { gangrene of lung.....	at least 1 day	M. 18, phthisis and ulceration of the bowels..	*
<b>Westminster H.:—</b>		from St. Marylebone—in hospital 1 day.		M. 22, typhus.....	22 days
F. 47, multilocular ovarian cyst.....	*	{ fever.....	3 weeks	M. 46, stone in the bladder.....	*
F. 30, erysipelas.....	14 days	F. 23, { pneumonia.....	*	M. 26, typhus.....	8 days
<b>Charing Cross H.:—See Violent Deaths.</b>		from Whitechapel—in hospital 2 days.		M. 13, disease of mitral valves.....	18 months
<b>Middlesex H.:—</b>		<b>Small Pox H.:—</b>		F. 37, mortification following erysipelas.....	*
F. 10, diseased knee.....	8 months	F. 11 mon., small pox (natural—confluent) ..	10 days	<b>Guy's H.:—</b>	
F. 55, ascites.....	*	<b>King's College H.:—</b>		M. 21, hernia—peritonitis.....	*
<b>See Violent Deaths</b>		M. 60, delirium tremens.....	*	F. 36, influenza and pneumonia.....	*
<b>University College H.:—</b>		M. 32 (post mort.), phthisis—pericarditis....	14 days	F. 25, purpura hæmorrhagica.....	48 hours
M. 46, paraplegia—medullary cancerous tumour, pressing on dorsal spinal cord—similar tumour in right orbit—the eye removed formerly for the same disease....	*	<b>St. Bartholomew's H.:—</b>		F. 65, laryngitis and cyanche.....	1 week
M. 69, morbus cordis—mitral disease—emphysema—acute and chronic bronchitis—consolidation of right lung at base—enlarged liver, anasarca, ascites—Bright's disease..	*	M. 36, phthisis.....	*	<b>Dreadnought H.:—</b>	
F. 72, tumour of scalp—erysipelas.....	*	M. 40, dropsy.....	*	M. 20, { typhus.....	12 days
<b>Fever H.:—</b>		M. 7, intussusception of the bowels.....	*	(p.m.) { inflammation of Peyer's glands.....	*
M. 50, { phthisis—valvular disease of the heart.....	*	F. 40, cancer mamma and erysipelas.....	*	M. 66, { pleuro-pneumonia (left).....	8 days
(post mort.) { fever.....	7 days	F. 76, erysipelas of the leg.....	*	(p.m.) { red hepatization.....	*
from Holborn—in hospital 2 days.		<b>London H.:—</b>		{ slight apoplectic seizure.....	5 days
M. 40, { fever.....	*	M. 71 (inquest), natural, from exhaustion....	sudden	M. 50, { death from rupture of right vertebral artery.....	instantaneous
from East London Union—in hospital 2 days.		M. 49, { diseased liver.....	18 months	{ clots at the base and in the ventricles.	
		ascites.....	7 months	M. 48 (post mort.), pelvic abscess, communicating with the rectum.....	2 years
		F. 15, morbus cordis.....	*	<b>Royal Ordnance Hospital:—</b>	
		<b>See Violent Deaths.</b>		M. 36, { tonsillitis.....	1 day
		<b>St. Thomas' H.:—</b>		{ laryngitis.....	7 days
		duration		(p.m.) { pleuritis and disease of lungs.....	*
		F. 30, { admitted with ulcerated womb.....	*	M. 19 (post mort.), small pox (2nd attack—never vaccinated).....	*
		died of typhus, following an attack of erysipelas.....	14 days	M. 20 (post mort.), inflammation of the peritoneum.....	3 days

## DEATHS BY SMALL POX, TYPHUS, ETC., SYPHILIS, HÆMORRHAGE, MALFORMATION, HERNIA, DIABETES, STONE, CHILDBIRTH, DELIRIUM TREMENS, IMPERANCE, PRIVATION, ETC.

Small Pox:—	duration	Typhus, &c. (continued):—	duration	Diabetes:—	duration
{ small pox.....	4 days	M. 51, { hepatitis.....	*	M. 63, diabetes.....	2 years
F. 3, { first attack—vaccination attempted 2 years and 9 months ago without success.		M. 30, typhus.....	12 days	<b>Stone:—</b>	
F. 1, confluent small pox (never vaccinated) ..	9 days	F. 6, brain fever.....	*	{ calculus.....	3 years
M. 1, variola, said to have been vaccinated with effect.....	10 days	M. 70, typhus.....	14 days	F. 74, { tympanites.....	1 year
M. 2, confluent small pox (never vaccinated) ..	2 weeks	F. 12, febris.....	6 days	{ anasarca.....	6 days
M. 1, { small pox.....	3 weeks	M. 10, typhus.....	*	M. 70, stone in the urethra.....	*
{ vaccinated 1 month ago.		F. 31, gastric fever.....	21 days	<b>See Return of St. Thomas' Hospital.</b>	
M. 1, small pox (not vaccinated).....	14 days	M. 47, fever.....	14 days	<b>Childbirth:—The time elapsing from commencement of labour to death should invariably be returned.</b>	
F. 3, small pox (twice vaccinated without effect) 14 days		{ typhus.....	3 weeks	F. 39, childbirth—hysteritis—puerperal fever, 48 hours	
F. 15 days, small pox (no medical attendant) ..	8 days	M. 3, { ulceration of the integuments of the heel and sole of the foot.....	2 weeks	F. 17, { bursting of an abscess in the uterus, and flow of pus into the peritoneal cavity, 10 days after delivery by craniotomy, died suddenly	
M. 2, small pox (not known whether vaccinated) *		F. 73, febris senilis.....	5 months	F. 24, { puerperal peritonitis.....	4 days
<b>See Returns of Small Pox and Royal Ordnance Hospitals.</b>		<b>See Hospital Returns.</b>		{ puerperal pneumonia.....	2 days
<b>Typhus, &amp;c.:—</b>		<b>Ague:—</b>		F. 30, puerperal fever.....	*
M. 2, eruptive fever.....	14 days	M. 1, intermittent fever.....	*	F. 25, puerperal peritonitis.....	6 days
F. 1, typhus.....	7 days	F. 14, ague—indurated spleen.....	4½ year	<b>See cases of typhus.</b>	
F. 75, continued fever.....	10 days	<b>Remittent Fever:—</b>		<b>Disease and subsequent Childbirth:—</b>	
M. 48, fever, combined with inflammation of the lungs.....	*	F. 3, { remittent fever.....	2 months	{ disease of liver.....	3 or 4 years
F. 25, typhus.....	6 days	{ pneumonia.....	2 months	F. 36, { ulceration of stomach and bowels.....	2 weeks
M. 1, infantile cerebral fever.....	*	{ meningitis.....	*	{ childbirth.....	10 days
F. 70, gastric fever.....	6 weeks	<b>Infantile Remittent Fever:—</b>		F. 35, { diseased lungs.....	many years
F. 32, typhus.....	21 days	F. 3, infantile remittent fever.....	2 months	{ parturition.....	4 days
F. 2, { fever.....	4 weeks	<b>Syphilis:—</b>		<b>Delirium Tremens:—</b>	
{ effusion into the ventricles of the brain, 1 week		M. 47, { caries of nasal bones.....	*	M. 38, delirium tremens.....	7 days
F. 40, typhoid fever.....	3 days	F. 26, hæmorrhage from syphilitic ulceration in the throat.....	6 weeks	<b>See Return of King's College Hospital.</b>	
M. 43, fever.....	*	F. 1 mon., syphilis.....	from birth	<b>Intemperance:—</b>	
M. 1, gastric fever.....	4 days	<b>See Return of St. Thomas' Hospital.</b>		M. 35, intemperance.....	*
F. 65, typhus—bronchitis.....	*	<b>Hæmorrhage:—</b>		M. 44 (inq.) natural death accelerated by excessive drinking.....	*
F. 72, typhus—bronchitis.....	*	M. 9, internal hæmorrhage, dependent on constitutional arterial weakness.....	*	<b>Privation:—</b>	
F. 24, { jaundice.....	17 days	F. 52, { natural hæmorrhage from the lungs, in the street.....	died in 30 min.	In North-east sub-district of Chelsea, F. 39, disease of the heart, aggravated by debility from want of proper nourishment.....	*
{ typhus.....	1 week	(ing.) { not under medical treatment.		<b>Want of Breast-milk:—</b>	
{ The Registrar adds, "childbirth.....	3 weeks"	M. 38, hæmorrhage from the lungs.....	*	F. 4 mon., artificial nursing—marasmus.....	2 months
F. 3, { fever.....	3 weeks	<b>Other cases of Hæmorrhage are included in abstract under apoplexy, phthisis, &amp;c.</b>		{ weaning.....	2 months
{ convulsions.....	1 week	<b>Malformation:—</b>		M. 11 mon., { marasmus.....	6 weeks
F. 1, gastric fever.....	*	M. 6 weeks, exhaustion—cleft palate, and hare lip.		{ hydrocephalus.....	1 weeks
F. 44, gastric fever.....	6 days	M. 6 months, inanition from cleft palate.		<b>Purpura:—</b>	
M. 2, typhus.....	3 weeks	F. 5 mon., { malformation of the head.....	3 months	F. 1, purpura.....	7 days
F. 9, typhus.....	18 hours	<b>Hernia:—</b>		<b>See also Guy's Hospital Returns.</b>	
M. 46, typhus.....	13 days	{ enormous scrotal hernia, which had been impacted.....	36 hours	<b>Other cases of Purpura:—</b>	
M. 61, low fever.....	*	{ death resulting from depression thereby caused, and senectus.....	ilt 8 days	F. 68, { chronic disease of liver.....	7 weeks
M. 25, typhus.....	*	<b>See Return of Guy's Hospital.</b>		{ purpura hæmorrhagica.....	1 week
M. 8, erysipelas—typhus.....	5 days			M. 4, convulsions, sequela of scarlatina, purpura and pneumonia.....	*
M. 4, typhoid fever.....	*			<b>Miscellaneous Causes:—</b>	
M. 6 mon., typhoid fever.....	*			F. 3 mon., { nephritis.....	11 days
M. 15, typhus.....	14 days			{ hæmaturia.....	2 days
F. 52, typhus.....	9 days			F. 75, { lepra.....	*
M. 37, typhus.....	16 days			{ extensive ulcer.....	*
M. 30, typhus.....	*			M. 8, ascariæ—phthisis.....	6 weeks
M. 54, inflammatory fever.....	*				
M. 62, inflammatory fever.....	*				
F. 76, inflammatory fever.....	*				
F. 72, inflammatory fever and age.....	*				
F. 22, fever.....	3 weeks				
M. 2, fever.....	*				
F. 22, { fever.....	16 days				
{ cyanche.....	3 days				

ANALYSIS OF CASES IN WHICH INQUESTS WERE HELD.—Violence, 27; apoplexy, 7; disease of heart, 1; childbirth, 1; intemperance, 1; specified causes, 12; other causes not specified, 7.—TOTAL, 56 cases.

THE NUMBER OF CASES IN WHICH IT WAS RECORDED THAT A POST MORTEM EXAMINATION WAS MADE, IS 34.

# METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, During the Week ending Saturday, 29th May, 1847.

Day.	Phases of the Moon	Mean height of the Barometer, from 12 Observations, (corrected and reduced to 32 degrees Fahrenheit)	Readings of Thermometers										Difference between the mean the Dew Point Temperature and Air Temperature			WIND							Mean Amount of Cloud, 0-10	Rain in inches, read at 9 o'clock the next morning																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
			Dry			Dew Point	Highest in the sun, as shown by a self-register- ing Thermometer	Lowest on the grass, as shown by a self-register- ing Thermometer	In the Water of the Thames at Greenwich, by the self- registering Thermometer, read at 9 o'clock next morning		Mean of 12 Days.	Greatest	Least	General Direction		Pressure in lbs. on the square foot		Amount of Horizontal Movement of the Air in each day																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
			High- est from 12 Obs.	Low- est from 12 Obs.	Mean from 12 Obs.	Mean from 12 Obs.			Highest	Lowest				A.M.	P.M.	Greatest	Least		Mean of 12 Obs.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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DAY	ELECTRICITY	Circumstances accompanying the exhibition of Electricity	GENERAL REMARKS
SUN.	Positive and tension moderate at each examination.	See General Remarks.	The sky was generally clear till about 10h. p.m., when it became overcast, and continued so during the remainder of the day.
MON.	Positive and tension strong till 4h. a.m., at 3h. 20m. p.m., and at 7h. 30m. p.m. Positive but very weak at other times.	See General Remarks.	Generally overcast with cirrostratus and scud throughout the day. Slight rain was falling occasionally from 7h. p.m. till midnight.
TUES.	Positive but generally weak throughout the day.	See General Remarks.	The greater part of the sky was clear till 8h. a.m.: about one-half covered with cumuli and scud from this time till 4h. p.m.; then overcast till 9h. p.m., and cloudless during the remainder of the day.
WED.	Positive and tension very strong from 7h. a.m. till midnight.	See General Remarks.	Cloudless throughout the day.
THURS.	Positive and tension very strong through- out the day.	See General Remarks.	About one-third of the sky was covered with cumuli and light clouds between 9h. a.m. and 4h. p.m. Generally cloudless at other times.
FRID.	Positive and tension moderate through- out the day.	See General Remarks.	One-fifth of the sky was generally covered with cumuli, fleecy clouds, and scud, throughout the day.
SAT.	Positive and tension very strong from 3h. 50m. a.m. till 4h. a.m. Positive and tension generally strong from this time till midnight.	Rain falling heavily. See General Remarks.	The sky was overcast till 2h. p.m. and occasionally cloudless during the remainder of the day. Thunder was heard continually in the W.N.W., from about 2h. a.m. till 4h. 45m. a.m. There were also flashes of sheet lightning almost incessant. Rain fell heavily from 3h. 50m. a.m. till 4h. 5m. a.m. Slight rain was also falling occasionally from this time till 9h. a.m.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The amount of clouds is estimated by considering a clear sky to be represented by 0, a cloudy sky by 10; and when partially cloudy by estimating the number of tenths of the whole sky covered with cloud. The observations are taken every two hours, day and night.

The readings of the two self-registering thermometers, the one placed in the full rays of the sun, and the other placed on grass fully exposed to the sky, are taken every morning at 9 a.m., and therefore exhibit the highest and lowest readings respectively, that have occurred in the previous 24 hours. They are, however, placed here opposite to the civil day which precedes that on which the thermometers are read.

Whewell's anemometer (from the indications of which the estimation of horizontal movement is made) is read at 10 a.m., and the result given is for the 24 hours preceding. It is placed here opposite to the civil day, which precedes that on which the anemometer is read. The anemometer has been in the hands of the instrument-maker for repair during the week.

The average temperature for 25 years is furnished by Mr. Henry, Assistant at the Royal Observatory, from the observations made at his residence in the neighbourhood of Greenwich Park.

\* In reading the 16th column, it will be borne in mind that + is read "higher," and - "lower," than the average.

The temperature of the water of the Thames is ascertained by the use of a self-registering thermometer, suspended from the side of the Dreadnought Hospital Ship, at the depth of about 2 feet below the surface. The readings of this instrument are registered under the superintendence of Lieutenant Sanders, R.N., Superintendent of the Dreadnought. The mean reading of a thermometer placed on the mainmast, and read each day at 6h. 30m. a.m., was 57.3; and the mean reading at 7h. 30m. p.m., was 65.4; the mean readings at the Royal Observatory for the same times were 65.3 and 64.0 respectively.

† The mean direction of the wind for the week is S.S.W.

The highest and lowest readings of thermometers on Sunday have been taken from the self-registering maximum and minimum instruments, and the simple arithmetical mean of the numbers thus found has been adopted as the average temperature of the day.

The weather during this week has been very remarkable, both on account of the high temperatures and the dryness of the atmosphere, and particularly so on Sunday, May 23, and Friday, May 28. On the former of these days the highest reading of the thermometer in air was 83° 8, and on the latter day it was 86° 8; on the same days the highest readings at Dartmouth Terrace, Lewisham, the residence of Mr. Glaisher, were 86° 8 and 88° 2 respectively. These readings are, as far as Mr. Glaisher can ascertain, without parallel on record, as occurring in the month of May. The hygrometrical state of the air on both days was also remarkable for its dryness, but more particularly on the 28th day; on this day, at 3h. 20m. p.m., the temperature of the air was 85° 3, and that of the dew point was 56° 6; at the same time, at Mr. Glaisher's residence, these elements were 87° 8 and 56° 2 respectively, the temperature of the air being 31° 6 above that of dew-point temperature. At this time the degree of humidity was about 0.4, that of saturation being 1. The weight of vapour in a cubic foot of air was 5.5 grains, and it would have required a quantity exceeding 7 grains additional, to have saturated the same mass of air.

# Births and Deaths registered in London,

During the Week ending Saturday, June 5th, 1847.

ANNUAL SERIES VIII.]

PUBLISHED BY AUTHORITY OF THE REGISTRAR GENERAL.

[No. 23.]

Causes of Death	Age			Total	Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population	5 Springs	Causes of Death.	Age			Total	Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population	5 Springs
	0 to 15	15 to 60	60 and upwards					0 to 15	15 to 60	60 and upwards			
ALL CAUSES.....	332	305	148	*786	914		IV.—Laryngitis .....	1	1	..	2	1	
SPECIFIED CAUSES.....	331	304	148	*784	909		Quinsey .....	1	..	..	1	1	
I.—Zymotic Diseases .....	106	38	16	160	166		Bronchitis .....	11	8	11	30	21	
SPORADIC DISEASES—							Pleurisy .....	..	2	..	2	2	
II.—Dropsy, Cancer, and other Diseases of uncertain or variable seat .....	49	25	19	93	99		Pneumonia .....	27	12	5	44	63	
III.—Diseases of the Brain, Spinal Marrow, Nerves and Senses .....	73	29	19	*122	158		Hydrothorax .....	..	1	..	1	5	
IV.—Diseases of the Lungs, and of the other Organs of Respiration .....	58	122	22	202	275		Asthma .....	..	1	2	3	14	
V.—Diseases of the Heart and Blood-vessels .....	1	20	8	29	29		Phthisis (or Consump- } tion) .....	14	91	4	109	152	
VI.—Diseases of the Stomach, Liver, and other Organs of Digestion .....	33	31	13	77	70		Disease of Lungs, &c. ....	4	6	..	10	15	
VII.—Diseases of the Kidneys, &c. ....	1	2	6	9	8		V.—Pericarditis .....	..	4	..	4	2	
VIII.—Childbirth, Diseases of the Uterus, &c. ....	..	11	1	12	10		Aneurism .....	..	1	1	2	.8	
IX.—Rheumatism, Diseases of the Bones, Joints, &c. ....	3	8	..	11	8		Disease of Heart, &c. ....	1	15	7	23	37	
X.—Diseases of the Skin, Cellular Tissue, &c. ....	1	..	2	3	2		VI.—Teething .....	8	..	..	8	14	
XI.—Old Age .....	..	..	37	37	57		Gastritis .....	1	1	..	2	2	
XII.—Violence, Privation, Cold and Intemperance .....	6	18	5	29	28		Enteritis .....	5	4	..	9	13	
I.—Small Pox .....	11	3	..	14	15		Peritonitis .....	..	6	..	6	3	
Measles .....	34	..	..	34	23		Tabes Mesenterica .....	11	..	..	11	10	
Scarlatina .....	4	..	..	4	24		Worms .....	..	..	..	..	.6	
Whooping Cough .....	22	..	..	22	39		Ascites .....	..	..	..	..	1	
Croup .....	3	..	..	3	8		Ulceration (of Intestines, } &c.) .....	1	2	..	3	2	
Thrush .....	4	..	..	4	4		Hernia .....	1	3	1	5	2	
Diarrhoea .....	7	1	3	11	7		Colic or Ileus .....	..	..	1	1	3	
Dysentery .....	3	1	..	4	1		Intussusception .....	..	..	..	..	.8	
Cholera .....	..	..	..	..	.6		Stricture (of the Intestinal } Canal) .....	..	..	..	..	.4	
Influenza .....	..	..	..	..	2		Hæmatemesis .....	..	2	2	4	.9	
Ague .....	..	..	..	..	.4		Disease of Stomach, &c. ..	2	3	5	10	5	
Remittent Fever .....	2	..	..	2	.8		Disease of Pancreas .....	..	..	..	..	..	
Typhus .....	14	28	9	51	34		Hepatitis .....	..	5	1	6	2	
Erysipelas .....	2	5	4	11	6		Jaundice .....	4	2	1	7	2	
Syphilis .....	..	..	..	..	1		Disease of Liver, &c. ....	..	3	2	5	9	
Hydrophobia .....	..	..	..	..	..		Disease of Spleen .....	..	..	..	..	.1	
II.—Hæmorrhage .....	..	1	..	1	3		VII.—Nephritis .....	..	..	..	..	.6	
Dropsy .....	1	6	7	14	26		Ischuria .....	..	..	..	..	.1	
Abscess .....	1	..	..	1	2		Diabetes .....	..	..	..	..	.4	
Noma .....	..	..	..	..	..		Cystitis .....	1	1	1	3	.4	
Mortification .....	..	1	4	5	4		Stone .....	..	..	..	..	.5	
Purpura .....	1	2	..	3	.4		Stricture (of the Urethra) ..	..	..	..	..	.9	
Scrofula .....	4	2	..	6	4		Disease of Kidneys, &c. ..	..	1	5	6	6	
Cancer .....	..	9	5	14	12		VIII.—Childbirth .....	..	5	..	5	7	
Tumour .....	..	..	..	..	.6		Paramenia .....	..	..	..	..	.2	
Gout .....	..	1	..	1	1		Ovarian Dropsy .....	..	1	1	2	.6	
Atrophy .....	18	1	2	21	11		Disease of Uterus, &c. ....	..	5	..	5	2	
Debility .....	19	1	..	20	21		IX.—Arthritis .....	..	..	..	..	.1	
Malformations .....	2	..	..	2	2		Rheumatism .....	..	4	..	4	3	
Sudden Deaths (including Coroners' Inquests, in which it is not shewn from what diseases or causes the persons died.)	3	1	1	5	12		Disease of Joints, &c. ....	3	4	..	7	4	
III.—Cephalitis .....	9	1	..	10	12		X.—Carbuncle .....	..	..	..	..	.1	
Hydrocephalus .....	23	..	..	23	38		Phlegmon .....	1	..	..	1	.2	
Apoplexy .....	5	10	10	*26	22		Ulcer .....	..	..	2	2	.5	
Paralysis .....	..	8	5	13	18		Fistula .....	..	..	..	..	.3	
Convulsions .....	32	1	..	33	49		Disease of Skin, &c. ....	..	..	..	..	.6	
Tetanus .....	..	..	..	..	.4		XI.—Old Age .....	..	..	37	37	57	
Chorea .....	..	..	..	..	.1		XII.—Intemperance .....	..	..	..	..	.9	
Epilepsy .....	..	4	..	4	5		Privation .....	..	..	..	..	.3	
Insanity .....	..	3	..	3	1		Violent Deaths .....	6	18	5	29	27	
Delirium Tremens .....	..	1	..	1	2		Causes not Specified .....	1	1	..	2	5	
Disease of Brain, &c. ....	4	1	4	9	11								

Weekly Average derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population

Males .....

Deaths registered in the Week

Males .....

Births registered in the Week

Males .....

\* The age of 1 person, whose death is ascribed to *apoplexy*, is not stated.

Area in square Miles	Population Enu- merated in 1841	Weekly Average derived from Deaths of 1842-6, and corrected for Increase of Population	DEATHS registered in the Week	BIRTHS registered in the Week
		5 SPRINGS		

Births and Deaths not caused by Violence, registered in the Metropolis in the last 13 weeks, with the Mean Temperature for the same periods.

DEATHS from *Purpura* or from *Scurvy* in LONDON:—

ERRATUM.—In the notes appended to the table of purpura, last week, *for perforation,*  
*read purpura.*

DEATHS registered in LONDON, in seven corresponding weeks of eight years:—

1	2	3	4
Specified Ages	Deaths registered last week in London	Deaths which would have been registered if the rate of mortality had been the same as in Dorsetshire 1838—44	Excess of Mortality in London during the week
0—15	332	279	53
15—35	124	138	—14
35—55	154	103	51
55 and upwards	175	164	11
All Ages	786	684	102

The above Table (2nd Col.) shows the number of persons who died in London during the week ending May 15th, 1847, under 15 years of age; 15 and under 35; 35 and under 55; 55 years of age and upwards, respectively.

The third column is an approximation to the number of deaths which would have happened during the week at the same ages, if the rate of mortality at the several quinquennial and decennial ages of life had been the same as prevailed among the whole population of Dorsetshire in the 7 years 1838-44.

The fourth column exhibits the number of persons who died during the week in London, but *who would not have died* if the rate of mortality had not exceeded that in Dorsetshire. The mortality of males between the ages of 45-55 years, in Dorsetshire, was at the rate of 1.4 in 1000 annually: the mortality in the same years (1838-1844), and at the same ages in London, was 27 in 1000; and at all ages, the mortality in Dorsetshire is 20; in London, 27 in 1000. The population of London, it is believed, is as well provided with food and clothing as the people in Dorsetshire; the excess of sickness and mortality in London must, therefore, be ascribed to malignant causes, the greater part of which undoubtedly admit of removal, or mitigation.

The mortality of Wandsworth and Clapham, and that of Lewisham and sub-district of Hampstead, are included in the above table throughout the 8 years, though the former was not added to the Weekly Metropolitan Returns till 1844, nor the latter till 1847.

EXTRACTS FROM THE METROPOLITAN RETURNS OF THE PREVIOUS WEEK, No. 22.

(The tabular abstract on the first page is for the week ending Saturday, June 5th. The following selection of cases is made from the returns for the week ending May 29th.)

NOTE.—M. or F. at the beginning of an entry indicates sex; the numerals which follow, mark the age at death, *in years, except when otherwise stated*. The italics at the end of an entry shew the duration of illness; and when the place is supplied by an asterisk (\*), the Coroner, Medical Practitioner, or other Informant, has not been able to ascertain, or has omitted to state the time in which the person has been subject to the disease or injury, which has proved fatal. In making the return, it should invariably be stated that duration of illness could not be ascertained, when this is the case.

RETURNS OF VIOLENT DEATHS, MADE CHIEFLY BY CORONER.

NOTE.—The cases of violence not returned by the Coroner, have the words "no inquest."

<i>Fractures and Contusions:—</i>		<i>duration</i>
In St. Bartholomew's Hospital, bricklayer, 88, wound of his head, and fracture of one of his ribs, by falling into a sewer, in Shoe Lane, Holborn . . . . .		3 weeks
F. 3 ( <i>no inquest</i> ), injury of the brain by a fall from a chair . . . . .		7 days
Carnian, 45, accidentally killed by being run over by a cart, from which he fell when driving . . . . .		*
In St. Bartholomew's Hospital, widow of a baker, 71, exhaustion caused by a slaughtering wound at the back of her left leg, from a person stepping on her heel at the Hackney Road . . . . .		about 2 months
M. 66, { injury of the spine . . . . .		30 years
( <i>no inquest</i> ) { asthma . . . . .		1 year
{ dropsy . . . . .		2 months

*Drowning (continued):—*  
 Sailor about 21, apparently from drowning—  
 body in a bad state of decomposition.  
 M. 16, accidentally drowned, while bathing.  
 M. 20, accidentally drowned, while bathing.  
 Labourer, 27, accidentally drowned in the  
 London Docks, by a fall from a lighter.  
 Mariner, 28, accidentally drowned from a  
 dunnery.  
 M. (person and age unknown), habited like a  
 sailor—found dead, without marks of violence—apparently drowned.  
 Marine boy, 16, found drowned in the River  
 Thames—how caused unknown.  
 F. 27 (without occupation), drowned herself in  
 a temporary state of insanity.  
 M. 48, accidentally drowned in a water-butt,  
 by overbalancing himself (in the water 1 hr.)

	<i>duration</i>
In St. Bartholomew's Hospital, daughter of a servant, deceased, 12, burnt by her bedgown taking fire, whilst lighting a fire (at Clerkewell Green) .....	16 hours
Daughter of a copper brazier, 3 ( <i>no inquest</i> ), extensive burn, from having caught fire during the absence of the mother. ....	14 days
In St. Bartholomew's Hospital, widow of a tailor, 55, scalded by the upsetting of a saucepan of boiling water (at Graham Street, City Road) .....	6 days
In St. Bartholomew's Hospital, daughter of a drayman, 4, scalded by the upsetting of a saucepan, containing boiling water (at Half Moon Alley, Whitecross Street) .....	11 days

*Drowning:—*  
Labourer about 40, supposed from drowning—  
no marks of violence.  
Labourer about 22, found dead in the River  
Thames—supposed from drowning—no  
marks of violence.  
M. a few minutes (unknown child), found in  
the River Thames.

**Hanging and Suffocation:—**  
 Labourer, 70, hanged himself in a temporary state of insanity.  
 M. 45, accidental death from choking, whilst eating potatoes.....  
 F. 10 mon., found dead, having apparently slipped partly out of bed, and become suffocated.

*Poison:—*  
In Charing Cross Hospital, charwoman, 52  
(*post mort.*), sulphuric acid—suicide—tem-  
porary insanity. . . . . 2 days  
M. 49, poisoned himself with hydrocyanic acid,  
in a temporary state of insanity.  
M. 50, poisoned himself by prussic acid, in a  
temporary state of mental derangement.

# THIRTEEN HOSPITALS.—CAUSES OF DEATHS (NOT VIOLENT) AS RETURNED BY THE MEDICAL OFFICERS.

NOTE.—Deaths in hospitals from fractures, wounds, burns, scalds, poison, are not contained in this list. See deaths by violence.

<b>St. George's H.:</b>		<b>Fever H. (continued):—</b>		<b>St. Bartholomew's H.:</b>	
M. 62, { stone in the bladder.....	duration	F. 15, { fever.....	duration	M. 61, { (inquest—post mort.) serous apoplexy.....	duration
(post mort.) { lithotripsy.....	7 days	(post mort.) { congestion of brain—no ulceration of ilium.....	12 days	M. 47, { purpura, with pneumonia—disease of the kidneys and heart.....	3 days
Westminster H.:—No deaths registered.		F. 32, { from Holborn—recently Ireland—in hospital 6 days.....		M. 29, { purpura.....	13 days
Charing Cross H.:—		(post mort.) { dysentery.....	long standing	M. 56, { phthisis.....	10 days
M. 49, { general debility, following inebriety, and then privations.....	*	F. 20, { ulceration of colon.....		M. 37, { ulceration of the bowels.....	*
F. 63, { anasarca and erythema of the abdomen and lower extremities.....	*	(post mort.) { from Lambeth—from Ireland 2 weeks. in hospital 6 days.....		M. 44, { disease of the bowels.....	*
		F. 20, { fever.....	14 days	F. 46, { cancer of the uterus.....	*
		(post mort.) { congestion of cerebrum—very trivial ulceration of ilium.....		F. 39, { peritonitis, with abscess in the ovary, and disease of the kidneys.....	*
		M. 47, { fever.....	23 days	See Violent Deaths.	
		(post mort.) { in hospital 3 weeks—from Clerkenwell. fever.....		<b>London H.:</b>	
		F. 18, { parotid bubo.....	14 days	M. 58, { morbus hepatis.....	*
		(post mort.) { in hospital 11 days—from Marylebone. fever.....		M. 26, { catarrhus.....	*
		F. 65, { parotid bubo.....	5 days	M. 26, { diseased spine.....	*
		(post mort.) { pneumonia.....	long standing	<b>St. Thomas' H.:</b>	
		F. 35, { complete solidification of right lung—from St. Martin's.....	23 days	F. 20, { phthisis.....	*
		(post mort.) { phlebitis.....	*	M. 23, { morbus cordis.....	*
				F. 37, { phthisis.....	4 months
				—exhaustion.....	
				<b>Guy's H.:</b>	
				M. 3, { gastro-enteritis.....	*
				F. 3, { ulcerated bowels—abscess of the liver.....	*
				F. 26, { diseased lungs—paralysis.....	*
				<b>Dreadnought H.:</b>	
				M. 36, { (post mort.) necrosis of lower jaw.....	9 days
				M. 35, { chronic bronchitis.....	4 months
				(post mort.) { inflammation of the epiglottis.....	6 weeks
				(post mort.) { death from inanition.....	

## DEATHS BY SMALL POX, TYPHUS, ETC., SYPHILIS, HÆMORRHAGE MALFORMATION, HERNIA, DIABETES, STONE, CHILDBIRTH, DELIRIUM TREMENS, INTEMPERANCE, PRIVATION, PURPURA, ETC.

<b>Small Pox:—</b>		<b>Typhus, &amp;c. (continued):—</b>		<b>Hernia:—</b>	
M. 1, small pox.....	duration	F. 18, synochus.....	21 days	F. 65, old umbilical hernia—operation.....	duration
NOTE.—It should be stated in all cases whether vaccination had been performed successfully.		F. 37, typhus.....	10 days	See Return of Middlesex Hospital.	
F. 4 mon., small pox (never vaccinated).....	9 days	M. 35, typhus.....	*	<b>Diabetes:—No deaths registered from this cause.</b>	
F. 10 mon., small pox.....	1 week	F. 33, fever.....	*	<b>Stone:—</b>	
M. 2, variola.....	*	F. 5, fever, with affection of the brain.....	14 days	See Return of St. George's Hospital.	
M. 8 men., { variola, confluent (never vaccinated).....	12 days	M. 46, pneumonia after typhus.....	*	<b>Childbirth:—The time elapsing from commencement of labour to death should invariably be returned.</b>	
		F. 65, { fever.....	5 days	F. 26, { childbirth.....	4 days
		M. 45, { erysipelas.....	9 days	F. 21, { peritonitis.....	4 days
		M. 7, { typhus.....	17 days	F. 21, { puerperal fever.....	5 days
		M. 3, fever.....	2 weeks	F. 34, { childbirth.....	12 days
		F. 57, typhus.....	*	F. 25, { puerperal fever.....	*
		M. 50, { typhus.....	12 days	F. 26, { puerperal fever.....	7 days
		M. 78, synochus—age.....	*	See Return of King's College Hospital.	
		M. 38, typhus.....	*	<b>Disease of Heart and Childbirth:—</b>	
		M. 81, synochus.....	*	F. 37, { diseased heart.....	*
		F. 23, typhus.....	*		4 days
		M. 77, typhus.....	6 days	<b>Delirium Tremens:—</b>	
		F. 26, fever.....	16 days	M. 43, delirium tremens.....	1 week
		F. 50, fever.....	2 months	<b>Diseased Liver and Delirium Trem.:—</b>	
		F. 25, typhus gravior.....	4 days	M. 44, { disease of the liver.....	many years
		M. 10, { fever.....	14 days		6 days
			10 days	<b>Intemperance:—</b>	
		F. 27, typhus mitior.....	9 days	See Return of Charing Cross Hospital.	
		M. 68, synochus.....	20 days	<b>Privation:—</b>	
		F. 3, fever—hydrocephalus.....	14 days	In the Artillery sub-district of Whitechapel,	
		M. 10, { fever.....	7 days	F. 1, natural death, which may have been accelerated by want and privation.....	*
			4 days	<b>Want of Breast-milk:—</b>	
		See Hospital Returns.		M. under 1, inanition from absence of mother's milk.....	8 days
		<b>Intermittent Fever:—</b>		<b>Purpura:—</b>	
		M. 40, { cirrhosis.....		M. 1, { purpura.....	5 weeks
		at { hamatemesis; hepatization of right lung.....			1 day
		Hampstead. { pericarditis and effusion.....		See Return of St. Bartholomew's Hospital.	
		complicated intermittent fever, occurring during convalescence, caused by unwholesome house, and want of change of air.		<b>Cholera:—</b>	
		Syphilis:—		In Rochester-street, Westminster, a bricklayer,	
		M. 1, secondary syphilis.....		72, cholera.....	17 hours
		<b>Hæmorrhage:—</b>		<b>Miscellaneous Causes:—</b>	
		M. 76 (ing.), natural death—rupture of a blood vessel of the thorax.....		F. 35, { cirrhosis—ascites.....	several months
		Malformation:—			7 days
		M. 17 days (post mort.), imperforate rectum, relieved by operation—obstruction of sigmoid flexure of colon—inflammation.....		F. 4 mon., { erythema.....	10 days
		M. 3 days (post mort.), imperforate anus—obstruction in the bowels.....			14 days
		F. 15 days, spina bifida.		M. 10 weeks, { erythema nascentium.....	7 weeks
		M. 3 weeks, pharyngeal malformation.			4 weeks
		M. 1 day, cyanosis.		M. 59, atrophy from over anxiety and application to business.....	*
				F. 76, gallstones.....	*
				M. 61, { jaundice.....	6 weeks
					on and obstructing gall ducts.

ANALYSIS OF CASES IN WHICH INQUESTS WERE HELD.—Violence, 24; apoplexy, 3; ossification of valves of heart, 1; other disease of heart, 2; other specified causes, 8; "natural death," "visitation of God," "found dead," &c. 15.—TOTAL, 53 cases.

THE NUMBER OF CASES in which it is recorded that a POST MORTEM EXAMINATION was made, is 38.

METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH,

During the Week ending Saturday, 5th June, 1847.

Day.	Phases of the Moon	Mean height of the Barometer, from 12 Observations, (corrected and reduced to 32 degrees Fahrenheit.)	Readings of Thermometers.										Difference between the Dew Point Temperature and Air Temperature			WIND							Mean Amount of Cloud, 0-10	Rain in inches, read at 9 o'clock the next morning		
			Dry			Dew Point: Mean from 12 Highest in the sun, as shown by a self-register- ing Thermometer	Lowest on the grass, as shown by a self-register- ing Thermometer	In the Water of the Thames at Greenwich, by the self- registering Thermometer, read at 9 o'clock next morning		Mean of 12 Diffs.	Greatest	Least	General Direction		Pressure in lbs. on the square foot.			Amount of Horizontal Movement of the Air in each day								
			Highest from 12 Obs.	Low- est from 12 Obs.	Mean from 12 Obs.			Mean from 12 Rits	Highest				Lowest	A.W.	P.W.	Greatest	Least		Mean of 12 Obs.							
1847																										
MAY,			in.	o	o	o	o	o	o	o	o	o	o	o	o											
SUN.	30	Greatest declination S.						92.5	34.8	69.5	64.2						S. W.	S. W.	lbs.	lbs.	lbs	Miles				0.00
MON.	31		30.339	79.2	49.0	63.9	53.0	114.8	37.0	69.8	65.0	10.9	23.7	1.3	+ 8.1	Generally Calm	N. by E. and Calm	0.0	0.0	0.0	1.9				0.00	
JUNE																										
TUES.	1		30.345	79.0	50.5	63.2	51.3	108.0	33.5		65.5	11.9	23.8	1.4	+ 7.0	Calm and N.N.E.	N.N.E. and Calm	0.0	0.0	0.0	0.0				0.00	
WED.	2		30.313	76.4	50.0	62.8	50.6	97.8	37.5	70.2	65.8	12.2	20.0	2.8	+ 4.6	N.E.	N.E. and Calm	0.5	0.0	0.0	0.6				0.00	
THU.	3		30.183	78.3	50.2	63.3	50.8	97.0	38.5	70.5	66.0	12.5	24.5	1.6	+ 4.6	Calm	N.	3.3	0.0	0.3	3.8				0.00	
FRI.	4		30.098	78.2	53.6	62.9	52.7	98.5	45.0	70.2	65.8	10.2	21.4	3.4	+ 5.0	N.N.E.	N.	3.0	0.0	0.1	6.3				0.00	
SAT.	5		30.061	68.5	51.0	57.9	46.1	92.5	44.5	69.5	65.2	11.8	21.3	5.2	+ 1.2	N.	N. by W. and Calm	2.0	0.0	0.3	9.2				0.00	
MEANS			30.223	76.6	50.7	62.3	50.8	100.2	38.7	70.0	65.4	11.6	22.5	2.6	+ 5.1	†						3.5				Sum 0.00

DAY	ELECTRICITY	Circumstances accompanying the exhibition of Electricity	GENERAL REMARKS
SUN.	Positive but weak at each examination.	See General Remarks.	Cloudless during the morning. In the afternoon the sky was partially covered with cumuli and fleecy clouds.
MON.	Positive and weak till 9h. a.m. Tension generally strong from this time till midnight.		The sky was nearly covered with cumulostrati and scud from 3h. p.m. till 6h. p.m. Generally clear at other times throughout the day.
TUES.	Positive and tension moderate throughout the day.		Cloudless throughout the day.
WED.	Positive but very weak till 6h. a.m. Tension moderate during the remainder of the day.		With the exception of a few cumuli, which prevailed during the morning, it was cloudless throughout the day.
THURS.	Positive and tension generally strong throughout the day.		Cloudless till 6h. a.m.; from this time till 4h. p.m. the greater part of the sky was covered with thin cirrostratus and haze; then generally clear till 11h. p.m., and overcast at about midnight. A solar halo was visible at about 2h. p.m., whose radius was 23°.
FRI.	Positive but weak from 9h. a.m. till 2h. p.m. Nothing was shewn at any other times.		Overcast till 8h. p.m.; about one-third of the sky was then covered with detached cumuli and fleecy clouds till 4h. p.m.; nearly cloudless from this time till 8h. p.m., and overcast afterwards during the remainder of the day.
SAT.	Positive but very weak from 9h. a.m. till 2h. p.m. Nothing was shewn at any other times.		The sky was generally overcast throughout the day. There were a few breaks at about noon.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The amount of clouds is estimated by considering a clear sky to be represented by 0, a cloudy sky by 10; and when partially cloudy by estimating the number of tenths of the whole sky covered with cloud. The observations are taken every two hours, day and night.

The readings of the two self-registering thermometers, the one placed in the full rays of the sun, and the other placed on grass fully exposed to the sky, are taken every morning at 9 A.M., and therefore exhibit the highest and lowest readings respectively, that have occurred in the previous 24 hours. They are, however, placed here opposite to the civil day which precedes that on which the thermometers are read.

Whewell's anemometer (from the indications of which the estimation of horizontal movement is made) is read at 10 A.M., and the result given is for the 24 hours preceding. It is placed here opposite to the civil day, which precedes that on which the anemometer is read. It has been in the hands of the instrument-maker for repair during the week.

The average temperature for 25 years is furnished by Mr. Henry, Assistant at the Royal Observatory, from the observations made at his residence in the neighbourhood of Greenwich Park.

\* In reading the 16th column, it will be borne in mind that + is read "higher," and — "lower," than the average.  
The temperature of the water of the Thames is ascertained by the use of a self-registering thermometer, suspended from the side of the Dreadnought Hospital Ship, at the depth of about 2 feet below the surface. The readings of this instrument are registered under the superintendence of Lieutenant Sanders, R.N., Superintendent of the Dreadnought. The mean reading of a thermometer placed on the mainmast, and read each day at 6h. 30m. A.M., was 56.3; and the mean reading at 7h. 30m. P.M., was 63.2; the mean readings at the Royal Observatory for the same times were 55.6 and 62.9 respectively.

† The mean direction of the wind for the week is N.N.E.

# Births and Deaths registered in London,

During the Week ending Saturday, June 12th, 1847.

ANNUAL SERIES VIII.]

PUBLISHED BY AUTHORITY OF THE REGISTRAR GENERAL.

[No. 24.]

Causes of Death	Age			Total	Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population 5 Springs	Causes of Death.	Age			Total	Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population 5 Springs
	0 to 15	15 to 60	60 and upwards				0 to 15	15 to 60	60 and upwards		
ALL CAUSES.....	348	308	182	*840	914	IV.—Laryngitis .....	1	..	..	1	1
SPECIFIED CAUSES .....	347	308	182	*839	909	Quinsey .....	1	..	..	1	1
I.—Zymotic Diseases .....	110	32	14	*157	166	Bronchitis .....	11	5	27	43	21
SPORADIC DISEASES—						Pleurisy .....	..	1	2	3	2
II.—Dropsy, Cancer, and other Diseases of uncertain or variable Seat .....	45	29	12	*87	99	Pneumonia .....	33	4	5	42	63
III.—Diseases of the Brain, Spinal Marrow, Nerves and Senses ..	85	31	21	137	158	Hydrothorax .....	..	3	2	5	5
IV.—Diseases of the Lungs, and of the other Organs of Respiration ..	63	143	56	262	275	Asthma .....	..	1	7	8	14
V.—Diseases of the Heart and Blood-vessels .....	3	19	15	37	29	Phthisis (or Consump- tion) .....	15	126	13	154	152
VI.—Diseases of the Stomach, Liver, and other Organs of Digestion ..	32	20	9	61	70	Disease of Lungs, &c. ....	2	3	..	5	15
VII.—Diseases of the Kidneys, &c. ....	1	6	5	12	8	V.—Pericarditis.....	1	2	..	3	2
VIII.—Childbirth, Diseases of the Uterus, &c. ....	..	6	2	8	10	Aneurism .....	..	2	1	3	.8
IX.—Rheumatism, Diseases of the Bones, Joints, &c. ....	2	7	1	10	8	Disease of Heart, &c. ....	2	15	14	31	27
X.—Diseases of the Skin, Cellular Tissue, &c. ....	1	..	4	5	2	VI.—Teething.....	6	..	..	6	14
XI.—Old Age .....	..	..	41	41	57	Gastritis .....	..	1	..	1	13
XII.—Violence, Privation, Cold and Intemperance .....	5	15	2	22	28	Enteritis .....	5	2	2	9	3
I.—Small Pox .....	10	2	..	12	15	Peritonitis .....	2	2	..	4	10
Measles .....	32	..	..	32	23	Tabes Mesenterica.....	13	..	..	13	.6
Scarlatina .....	10	1	1	12	24	Worms .....	1	..	..	1	1
Hooping Cough .....	17	..	..	17	39	Ascites .....	..	..	1	1	2
Croup .....	6	..	..	6	8	Ulceration (of Intestines, &c.) .....	1	..	..	1	2
Thrush .....	2	..	..	2	4	Hernia .....	..	..	..	..	3
Diarrhoea .....	13	2	4	*20	7	Colic or Ileus .....	1	..	1	2	.8
Dysentery .....	2	1	..	3	1	Intussusception .....	2	..	..	2	.4
Cholera .....	..	..	..	..	.6	Stricture (of the Intestinal Canal) .....	..	1	..	1	.9
Influenza .....	..	..	..	..	2	Hæmatemesis .....	..	..	1	1	5
Ague .....	..	..	..	..	.4	Disease of Stomach, &c. ..	1	2	..	3	..
Remittent Fever.....	1	..	..	1	.8	Disease of Pancreas .....	..	..	..	..	2
Typhus .....	13	24	7	44	34	Hepatitis .....	..	1	1	2	2
Erysipelas .....	3	1	2	6	6	Jaundice .....	..	1	..	1	2
Syphilis .....	1	1	..	2	1	Disease of Liver, &c. ....	..	10	3	13	9
Hydrophobia .....	..	..	..	..	..	Disease of Spleen.....	..	..	..	..	.1
II.—Hæmorrhage .....	1	1	..	2	3	VII.—Nephritis.....	..	..	3	3	.6
Dropsy .....	1	5	2	8	26	Ischuria .....	..	..	..	..	.7
Abscess .....	..	1	..	1	2	Diabetes .....	..	..	..	..	.4
Noma .....	..	..	..	..	..	Cystitis .....	..	..	..	..	.4
Mortification .....	..	..	1	1	4	Stone .....	1	..	..	1	.5
Purpura .....	..	..	..	..	.4	Stricture (of the Urethra) ..	..	..	..	..	.9
Scrofula .....	6	2	..	8	4	Disease of Kidneys, &c. ..	..	6	2	8	6
Cancer .....	..	13	5	*19	12	VIII.—Childbirth .....	..	3	..	3	7
Tumour .....	..	..	..	..	.6	Paramenia .....	..	..	..	..	.2
Gout .....	..	..	1	1	1	Ovarian Dropsy .....	..	..	..	..	.6
Atrophy .....	15	1	1	17	11	Disease of Uterus, &c. ....	..	3	2	5	2
Debility .....	16	1	..	17	21	IX.—Arthritis .....	..	..	..	..	.1
Malformations .....	3	1	..	4	2	Rheumatism .....	..	3	1	4	3
Sudden Deaths (including Coroners' Inquests, in which it is not shewn from what diseases or causes the persons died.)	3	4	2	9	12	Disease of Joints, &c. ....	2	4	..	6	4
III.—Cephalitis .....	9	2	1	12	12	X.—Carbuncle .....	..	..	..	..	.1
Hydrocephalus .....	31	..	..	31	38	Phlegmon .....	..	..	1	1	.2
Apoplexy .....	1	8	11	20	22	Ulcer .....	..	..	1	1	.5
Paralysis .....	..	10	4	14	18	Fistula.....	..	..	1	1	.3
Convulsions .....	42	..	..	42	49	Disease of Skin, &c. ....	1	..	1	2	.6
Tetanus .....	..	..	..	..	.4	XI.—Old Age .....	..	..	41	41	57
Chorea .....	..	..	..	..	.1	XII.—Intemperance .....	..	..	..	..	.9
Epilepsy .....	..	3	2	5	5	Privation .....	1	1	..	2	.3
Insanity .....	..	..	2	2	1	Violent Deaths .....	4	14	2	20	27
Delirium Tremens.....	..	4	..	4	2	Causes not Specified.....	1	..	..	1	5
Disease of Brain, &c. ....	2	4	1	7	11						

Weekly Average derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population		Deaths registered in the Week		Births registered in the Week	
Males .....	468	Males .....	440	Males .....	582
Females .....	446	Females .....	400	Females .....	595
Total	914	Total..	840	Total..	1177

\* The ages of 2 persons, whose deaths are ascribed to diarrhoea and carcinoma, are not stated.

DISTRICTS OF LONDON, Comprising 135 Registrars' Districts.		Area in square Miles	Population Enume- rated in 1841	Weekly Average derived from Deaths of 1842-6, and corrected for increase of Population 5 Springs	DEATHS registered in the Week	BIRTHS registered in the Week
WEST DISTRICTS {	Kensington; Chelsea; St. George, Hanover-square; Westminster; St. Martin in the Fields; St. James .....	17.2	301,326	141	116	162
NORTH DISTRICTS {	St. Marylebone; St. Pancras; Islington; Hackney; part of Edmonton, viz. Hampstead	20.5	376,396	175	181	216
CENTRAL DISTRICTS {	St. Giles and St. George; Strand; Holborn; Clerkenwell; St. Luke; East London; West London; City of London.....	2.8	374,759	168	129	183
EAST DISTRICTS {	Shoreditch; Bethnal Green; Whitechapel; St. George in the East; Stepney; } Poplar .....	8.8	393,247	191	188	279
SOUTH DISTRICTS {	St. Saviour; St. Olave; Bermondsey; St. George, Southwark; Newington; Lambeth; } Wandsworth and Clapham; Camberwell; Rotherhithe; Greenwich; Lewisham }	66.2	502,483	239	226	337
TOTALS .....		115.5	1,948,211	914	840	1177

Births and Deaths not caused by Violence, registered in the Metropolis in the last 13 weeks, with the Mean Temperature for the same periods.

	20th Mar.	27th Mar.	3rd April	10th April	17th April	24th April	1st May	8th May	15th May	22nd May	29th May	5th June	12th June
BIRTHS.....	1517	1376	1313	1489	1338	1417	1276	1259	1327	1267	1273	1325	1177
DEATHS (except from Violence).....	1086	965	949	1028	959	964	969	973	949	882	933	757	820
Deaths (except from Violence) at 60 yrs. & upwards	301	237	244	247	251	246	237	227	226	203	198	143	180
Bronchitis .....	90	84	73	81	68	70	62	66	59	38	47	30	43
Typhus.....	33	34	18	43	29	41	40	34	52	54	52	51	44
Purpura .....	..	2	2	..	1	5	1	2	1	2	3	3	..
Mean Temperature.....	48.8	46.6	36.8	47.9	42.6	45.5	48.1	49.1	56.1	58.4	63.4	62.3	54.4

DEATHS registered in LONDON, in seven corresponding weeks of eight years:—

No. of week..	18	19	20	21	22	23	24	Average of 7 weeks
1840	859	882	785	824	814	848	800	830
1841	818	789	762	861	791	854	778	808
1842	781	798	830	858	785	872	777	814
1843	904	908	896	884	900	873	980	906
1844	887	822	872	886	895	911	865	877
1845	895	841	847	822	917	851	857	861
1846	843	853	850	872	847	844	833	849
Average of 7 yrs	855	842	835	853	850	865	841	849
1847	983	987	978	911	960	786	840	921

The mortality of Wandsworth and Clapham, and that of Lewisham and sub-district of Hampstead, are included in the above table throughout the 8 years, though the former was not added to the Weekly Metropolitan Returns till 1844, nor the latter till 1847.

DEATHS from Purpura or from Scurvy in LONDON;—

YEARS	Quarters of 13 weeks each, ending in				Total in the Year
	March	June	Sept.	Dec.	
1842	3	5	4	4	16
1843	2	1	6	4	13
1844	5	3	7	6	21
1845	2	4	11	8	25
1846	5	9	9	5	28
1847	16	20 in 11 weeks			

1	2	3	4
Specified Ages	Deaths registered last week in London	Deaths which would have been registered if the rate of mortality had been the same as in Dorsetshire 1838-44	Excess of Mortality in London during the week
0-15	348	279	69
15-35	126	138	-12
35-55	148	103	45
55 and upwards	216	164	52
All Ages	840	684	156

## EXTRACTS FROM THE METROPOLITAN RETURNS OF THE PREVIOUS WEEK, No. 23.

(The tabular abstract on the first page is for the week ending Saturday, June 12th. The following selection of cases is made from the returns for the week ending June 5th.)

NOTE.—M. or F. at the beginning of an entry indicates sex; the numerals which follow, mark the age at death, in years, except when otherwise stated. The italics at the end of an entry shew the duration of illness; and when the place is supplied by an asterisk (\*), the Coroner, Medical Practitioner, or other Informant, has not been able to ascertain, or has omitted to state the time in which the person has been subject to the disease or injury which has proved fatal. In making the return, it should invariably be stated that duration of illness could not be ascertained, when this is the case.

### RETURNS OF VIOLENT DEATHS, MADE CHIEFLY BY CORONER.

NOTE.—The cases of violence not returned by the Coroner, have the words "no inquest."

Fractures and Contusions:—	duration	Fractures and Contusions (continued):—	duration	Fractures and Contusions (continued):—	duration
In St. George's Hospital, hawk-boy, son of a plasterer, 14 ( <i>post mort.</i> ), fracture of the skull and laceration of the brain—fell from a scaffold when at work at a house at Ealing Park .....	7 days	In St. George's Hospital, carter, 32 ( <i>post mort.</i> ), rupture of the urethra and fracture of the pelvis—jammed against the wall, and struck by the wheel of a cart drawn by one horse, when endeavouring to stop the horse, which suddenly started (at Kensington) .....	6 days	M. 2, accidentally run over by a waggon, and killed on the spot.	
In St. George's Hospital, F. market garden labourer, 35 ( <i>post mort.</i> ), fractured spine—fell when descending a ladder from a loft at Fulham .....	80 days	Coach wheel maker and cabriolet driver, 46, ( <i>post mort.</i> )—mortification of scrotum and penis, from infiltration of urine, after fracture of right leg—fell when getting from the box of a hackney cabriolet, the horse having run away in Rochester Row (mortification not supposed to result from fracture) .....	8 weeks	In St. George's Hospital, boatman, 38 ( <i>post mort.</i> ), rupture of the small intestine from a kick in the belly, in a fight at Isleworth—manslaughter against Edward Thomas ..	3 days
M. 62 ( <i>no inquest</i> ), rupture of the bladder by a fall .....	2 days	Labourer, 44 ( <i>post mort.</i> ), erysipelas, following wound of the head and concussion—knocked down when standing by his donkey and cart in Holborn, a brougham carriage having struck the wheel of the cart .....	10 days	Wounds:—	
In Westminster Hospital, F. 75 ( <i>no inquest</i> ), fracture of olecranon—gangrene—erysipelas ..	*	erysipelas .....	4 days	M. (of no occupation—formerly a servant), 46, cutting his throat with a razor, in temporary insanity, supposed from pecuniary losses... <i>instant</i>	
Query—How was the fracture caused?		In Charing Cross Hospital, post boy, 31 ( <i>post mort.</i> ), fractured skull and concussion of the brain, by falling from a horse in Regent Street .....	22 hours	Surgical instrument maker, 31, cutting his throat with a razor (in temporary insanity, from acute pain) .....	<i>instant</i>
In Westminster Hospital, labourer, 35, shock of system, compound fracture and amputation of both legs—his legs crushed by a log of mahogany, which slipped from a truck propelled by deceased and others, at Messrs. Cosser's Wharf, Pedlar's Acre .....	3 days			F. newborn, found dead in a public privy in Dacre Street, with the head severed, and the bones tied up in a bundle, separate—the body far advanced in decomposition—no evidence whether born alive.	
				M. 32, shot himself in the head with a pistol, in a state of temporary derangement ...	*
				Harness maker, 30, suicide by cutting his throat with a razor (being of unsound mind) 30 hours	

# RETURNS OF VIOLENT DEATHS, MADE CHIEFLY BY CORONER (continued):—

**Drowning:—**  
 Son of a tailor, 7, drowning—fell into the water when reaching weeds ..... *instantly*  
 Watch enameller, 70, found dead in the New River—how the body came into the water unknown.  
 M. 26, accidentally drowned whilst bathing in the water of the River Lea.  
 Caulker, 60, found dead at the entrance of Messrs. Young and Co.'s Dock, apparently drowned.  
 Single woman, 30, drowned herself—no proof in what state of mind at the time.  
 M. 60, drowning—no evidence how.

**Drowning (continued):—**  
 F. 22, suicide by drowning, being at the time in a state of intoxication—84 hours under water.  
 F. 1, drowning—wilful murder by the mother, who committed suicide by drowning herself at the same time.  
**Hanging:—**  
 Shoemaker, 41, hanged himself in a temporary state of insanity to a bedpost.  
 F. 47, suicide by hanging, in temporary derangement, produced by excessive drinking of spirituous liquors.

**Scald:—**  
 Daughter of a page to the Queen, 5, scald of the chest, from hot water spilt by running against a servant carrying a bowl ..... 53 hours  
**Use of Mercury:—**  
 F. 43 (no inquest), debility and the effects of mercury.....  
 NOTE.—In the abstract of last week 29 deaths were ascribed to violence, whereas the correct number is 23. One death was by mistake registered in two districts.

## FOURTEEN HOSPITALS.—CAUSES OF DEATHS (NOT VIOLENT) AS RETURNED BY THE MEDICAL OFFICERS NOTE.—Deaths in hospitals from fractures, wounds, burns, scalds, poison, are not contained in this list. See deaths by violence.

**St. George's H.:—**  
 M. about 35 (inquest—post mort.), apoplexy—ventricles filled with blood—fell suddenly in the street, supposed to be intoxicated, and died in ..... 38 hours  
 F. 23, phthisis .....  
 M. 27 (post mort.), enormously dilated and somewhat hypertrophied heart—granular degeneration of the kidneys .....  
 M. 59 (post mort.), granular degeneration of the kidneys .....  
 aggravated dyspepsia ..... 3 weeks  
 effusion into right pleura—enlarged and dilated heart.  
 See Violent Deaths.

**Westminster H.:—See Violent Deaths.**  
**Charing Cross H.:—**  
 M. 44 (post mort.), phthisis .....  
 M. 20 (post mort.), peritonitis—ulcer of intestines—congenital hernia .....  
 See Violent Deaths.

**Middlesex H.:—**  
 F. 25, cellular cutaneous erysipelas, terminating in typhus .....  
**University College H.:—No deaths registered.**

**Fever H.:—**  
 M. 32, { fever—pneumonia ..... 28 days  
 { erysipelas ..... 10 days  
 (post mort.) in hospital 20 days—from St. Marylebone.

**Fever H. (continued):—**  
 F. 19, { ulcers in colon ..... long standing  
 (post mort.) { peritonitis ..... 22 days  
 { in hospital 20 days—from St. Marylebone.  
 F. 60, { fever ..... about 18 days  
 (post mort.) { effusion of lymph on the colon. from St. George's East.

**Small Pox H.:—**  
 M. 26, { smallpox (confluent) ..... 13 days  
 { vaccinated when young—three good cicatrices.  
 F. 17, { smallpox (confluent) ..... 28 days  
 { diarrhoea .....  
 { vaccinated when young—one good cicatrix.  
**King's College H.:—**  
 M. 28 (post mort.), phthisis .....  
 M. 50, cancer of the liver ..... some months  
 F. 36 (post mort.), ovarian disease ..... 4 months  
 F. 25, erysipelas ..... 7 days

**St. Bartholomew's H.:—**  
 M. 16, disease of the heart .....  
 M. 27, chronic pneumonia and disease of the kidneys .....  
 M. 34, tubercular peritonitis—ulceration of bowels—chronic pleurisy .....  
 F. 53, icterus .....  
 F. 37, aneurism of the ascending aorta .....  
 M. 59, fever, with tubercles in the lungs; and pneumonia .....  
**St. Thomas's H.:—**  
 M. 43, inflammation .....  
 M. 29, pericarditis .....  
 M. 56 (post mort.), strangulated hernia .....  
**Guy's H.:—**  
 M. 51, fever ..... 4½ weeks  
 { femoral hernia (left) .....  
 M. 71, { strangulation ..... 3 days  
 { peritonitis ..... 10 days  
 { chronic inflammation, and hypertrophy of rectum .....  
 F. 35, { peritonitis after the use of the bougie, and pleuritis ..... 4 days  
 { mild typhus ..... 20 days  
 F. 30, { arachnitis ..... very recent

**London H.:—**  
 M. 43, inflammation .....  
 M. 29, pericarditis .....  
 M. 56 (post mort.), strangulated hernia .....  
**St. Thomas's H.:—**  
 M. 53, endocarditis ..... 2 years

**Guy's H.:—**  
 M. 51, fever ..... 4½ weeks  
 { femoral hernia (left) .....  
 M. 71, { strangulation ..... 3 days  
 { peritonitis ..... 10 days  
 { chronic inflammation, and hypertrophy of rectum .....  
 F. 35, { peritonitis after the use of the bougie, and pleuritis ..... 4 days  
 { mild typhus ..... 20 days  
 F. 30, { arachnitis ..... very recent

**Dreadnought H.:—**  
 M. 18 (post mort.), tubercular peritonitis ... 6 months

**Royal Ordnance Hospital:—**  
 { 35 (post mort.), { consumption nearly 1 year  
 { in hospital between 2 and 3 months.  
 Soldiers, { 41, consumption .....  
 { 21, { pleurisy .....  
 { smallpox (vaccinated twice) .. 12 days  
 { inflammation of the throat ..

## DEATHS BY SMALL POX, TYPHUS, ETC., SYPHILIS, HÆMORRHAGE MALFORMATION, HERNIA, DIABETES, STONE, CHILDBIRTH, DELIRIUM TREMENS, INTEMPERANCE, PRIVATION, PURPURA, ETC.

**Small Pox:—**  
 M. 1, { small pox ..... 16 days  
 { vaccinated 15 months ago.  
 F. 1, small pox (never vaccinated) ..... 10 days  
 F. 3, { small pox (not vaccinated) ..... 1 month  
 { gangrene of face and gums ..... 8 days  
 F. 3, variola (never vaccinated) ..... 14 days  
 M. 1, small pox (not vaccinated) ..... 12 days  
 M. 10 mon., small pox (not vaccinated) ..... 8 days  
 M. 5, { small pox ..... 2 days  
 { vaccinated 4 years ago.  
 F. 3, { small pox (after vaccination) ..... 9 days  
 { no medical attendant.  
 M. 9, small pox (not vaccinated) .....  
 F. 7, { small pox ..... 14 days  
 { twice vaccinated without effect 3 years ago.  
 F. 4, small pox (natural) .....  
 See Returns of Small Pox and Royal Ordnance Hospitals.

**Typhus, &c.:—**  
 In St. John, Westminster, M. 6, phrenitis—typhus ..... 28 days  
 In St. John, Westminster, F. 13, fever ..... 3 weeks  
 In St. Margaret, Westminster, M. 33, pericarditis ..... 3 days  
 typhus ..... 5 days  
 In St. Margaret, Westminster, M. prisoner, 39 (ing.) typhus ..... 11 days  
 In St. Margaret, Westminster, M. 45, typhus, 5 days  
 In All Souls, F. 32, fever ..... 7 days  
 In May Fair, M. 23, typhus ..... 3 weeks  
 In the Rectory sub-district, Marylebone, M. 40, fever .....  
 In the Rectory sub-district, F. 2, fever ..... 3 weeks  
 In the Rectory sub-district, F. 33, typhus .....  
 In Christchurch sub-district, M. 19, typhus, 1 month  
 In St. John, Marylebone, F. 70, synochus ..... 3 days  
 In Islington (West), M. 16, typhus—hæmorrhage from the bowels ..... 14 days  
 In Islington (West), F. 5 mon., { dentition ..... 2 weeks  
 { fever ..... 2 days  
 { convulsions 5 hours  
 In Hackney, F. 6, { low fever ..... 5 weeks  
 { cerebral effusion ..... 1 hour  
 In City-road sub-district, F. 28, fever .....  
 In City-road sub-district, F. 19, fever .....  
 In Cripplegate, M. 1, fever—tabes ..... 6 weeks  
 In North-west sub-district of City of London, M. 4, pertussis ..... 1 month  
 pneumonia—epileptic convulsions—typhus .....  
 In South sub-district of City of London, M. 66, (post mort.) typhus—cerebral effusion ... 4 days  
 In St. Leonard's, Shoreditch, M. 52, fever ..... 8 days  
 In Church sub-district of Bethnal-green, F. 7, typhus ..... 16 days  
 In Hackney-road sub-district, F. 2, fever ..... 21 days  
 { hydrocephalus ..... 24 days  
 In North sub-district of Whitechapel, M. 59, typhus .....  
 In North sub-district of Whitechapel, M. 37, typhus ..... 8 days

**Typhus, &c. (continued):—**  
 In Church sub-district of Whitechapel, M. 16, inflammatory fever ..... 6 days  
 In St. John, sub-district of St. George in the East, F. 50, fever .....  
 In Ratcliff, M. 61, typhus ..... 8 days  
 In Mile-end Old Town, Lower, F. 32, fever .....  
 In Poplar, M. 27, typhus ..... 7 days  
 In St. Saviour, { gastric fever ..... 6 weeks  
 M. 11 mon., { convulsions .....  
 In Christchurch sub-district, St. Saviour Union, M. 62, typhus with erysipelas of leg 10 days  
 In St. John, sub-district of St. Olave, M. 68, typhus ..... 5 days  
 In St. James, Bermondsey, { synochus ..... 2 months  
 { subacute inflammation of mondsey, F. 2, { bronchitis .....  
 In Kent-road sub-district, F. 1, fever .....  
 In Borough-road sub-district, M. 70, typhus, 3 weeks  
 In Borough-road sub-district, F. 31, typhus, 3 weeks  
 In London-road sub-district, F. 11, continued fever ..... about 3 weeks  
 inflammation of membranes and substance of brain .....  
 In Waterloo sub-district (1st part) Lambeth, M. 2, febris ..... 3 weeks  
 In Lambeth Church sub-district (2d part), F. 30, fever .....  
 In Peckham, M. 19, atrophy from the effects of fever .....  
 In Peckham, F. 25, fever ..... 21 days  
 In St. Nicholas, Deptford, M. 27, fever—exhaustion ..... 14 days  
 In sub-district of Woolwich Arsenal, M. 76, typhus 5 weeks  
 In Greenwich East, M. 70, { febris ..... 7 days  
 { erysipelas ..... 5 days  
 See Hospital Returns.

**Remittent Fever:—**  
 In Cripplegate, F. 2, remittent fever ..... 3 weeks  
 In Leather-market, Bermondsey, M. 6, remittent fever ..... 3 weeks  
**Syphilis:—No deaths registered from this cause.**  
**Hæmorrhage:—**  
 M. 50 (inquest), natural death—rupture of a vessel of the heart ..... sudden  
 Other cases of hæmorrhage are classed under apoplexy, hæmatemesis, &c.  
**Malformation:—**  
 M. 6 weeks, malformation .....  
 F. 3 weeks, cyanosis ..... from birth  
**Hernia:—**  
 F. 59, { asthma ..... many years  
 { strangulated hernia ..... 9 days  
 M. 3 days (post mort.), congenital umbilical hernia, involving 2 or 3 feet of intestine and omentum—artificial anus—followed by inflammation, effusion of lymph, and gangrene—spina bifida.  
 F. 59, strangulated hernia ..... 5 days  
 See Returns of Charing Cross and St. Thomas's Hospitals.

**Diabetes:—No deaths registered from this cause.**

**Stone:—No deaths registered from this cause.**  
**Childbirth:—The time elapsing from commencement of labour to death should invariably be returned.**

F. 30, puerperal fever .....  
 F. 37 (ing.), natural—3 days after abortion—suddenly—not under medical treatment—had symptoms of disease.  
 F. 37, { childbirth—placental presentation ...  
 { flooding ..... 2 hours  
 F. 32, childbirth—fever ..... 3 weeks  
 F. 24, fever, aggravated by the birth of a putrid child ..... 7 days

**Cases classed under other heads:—**  
 F. 45, inflammation of uterus .....  
**Query—Did this occur after childbirth?**  
 F. 23, { pneumonia ..... 9 months  
 { childbirth ..... 5 days  
 { inflammation of bowels ..... 3 days

**Delirium Tremens:—**  
 M. 29, delirium tremens ..... 8 days

**Intemperance; Privation:—**  
 No deaths assigned in abstract to either of these heads.

**Want of Breast-milk:—**  
 F. 3 mon., inanition from want of breast-milk .....  
 F. 8 weeks, want of breast-milk and general decay .....  
**Purpura and Scoury:—**  
 F. 13, purpura hæmorrhagica ..... 5 days  
 M. 47, { purpura ..... 3 weeks  
 { had had attacks of delirium tremens .....  
 M. 49, { insanity ..... 6 months  
 { scorbutic.

**Paralysis and Purpura:—**  
 M. 79, { paralysis ..... 1 year  
 { scorbutus ..... 6 weeks  
 M. 43, { paralysis ..... 2 years  
 { purpura ..... 3 weeks  
**Miscellaneous Causes:—**  
 M. 31, (ing., post mort.), polypus of the heart, closing passage between right auricle and ventricle—taken suddenly ill in a public house, and died in half-an-hour—not previously ill.  
 { scrofulous disease of wrist-joint .....  
 M. 43, { amputation .....  
 { phthisis pulmonalis ..... 2 months  
 F. 35, ovarian dropsy ..... 2 years  
 F. 62, ovarian dropsy ..... 6 months

ANALYSIS OF CASES IN WHICH INQUESTS WERE HELD.—Violence, 26; apoplexy, 6; disease of the heart, 3; rupture of a vessel of the heart, 1; abortion, 1; other specified causes, 8; "natural death," "visitation of God," "found dead," &c. 6.—TOTAL, 51 cases.

THE NUMBER OF CASES in which it is recorded that a POST MORTEM EXAMINATION was made, is 47.

METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH,  
During the Week ending Saturday, 12th June, 1847.

Day.  —  1847	Phases  of the  Moon	Mean height of the Barometer, from 12 Observations, (corrected and reduced to 32 degrees Fahrenheit.)	Readings of Thermometers										Difference between the mean of the Dew Point Temperature and Air Temperature			Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 25 years	WIND							Mean Amount of Cloud, 9-10	Rain in inches, read at 9 o'clock the next morning
			Dry			Dew Point	Highest in the sun, as shown by a self-register- ing Thermometer	Lowest on the grass, as shown by a self-register- ing Thermometer	In the Water of the Thames at Greenwich, by the self- registering Thermometer, read at 9 o'clock next morning		Mean of 18 Days	Greatest	Least	General Direction			Pressure in lbs. on the square foot			Amount of Horizontal Movement of the Air in each day					
			High- est from 12 Obs.	Low- est from 12 Obs.	Mean from 12 Obs.	Mean from 12 Rits			Highest	Lowest				A.M.	P.M.		Greatest	Least	Mean of 18 Obs.						
JUNE,		in.	°	°	°	°	°	°	°	°	°	°	°	°				lbs.	lbs.	lbs.			Miles		
SUN.	6	In Equator.					83.3	28.0	68.8	64.5						N.N.W.	N.N.W.	2.8	0.0	0.1			7.0	0.00	
MON.	7		29.937	63.4	44.0	55.8	43.5	82.0	39.0	67.5	64.0	12.3	20.2	3.5	— 1.8	Calm and N. by W.	Calm and S.S.W.	0.0	0.0	0.0			7.3	0.09	
TUES.	8	Perigee	29.666	61.6	45.3	52.3	45.6		31.5	66.8	62.8	6.7	17.3	1.2	— 5.6	S.S.W.	N.W.	4.5	0.0	0.3			8.0	0.16	
WED	9		29.716	64.0	43.0	53.1	42.4	79.2	40.0	65.8	62.2	10.7	21.2	2.1	— 5.5	N.N.W.	N.N.W. and S.	4.0	0.0	0.7			6.8	0.13	
THU.	10		29.623	58.1	48.5	52.8	46.7	78.5	34.0	65.0	61.2	6.1	13.0	1.1	— 5.9	S.S.W. and W.N.W.	N.N.W.	3.3	0.0	0.4			10.0	0.03	
FRI.	11		29.847	64.2	46.2	54.9	43.8	83.2	34.0	64.5	60.2	11.1	21.2	2.3	— 4.3	W.N.W.	W.N.W. and Calm	0.0	0.0	0.0			3.7	0.00	
SAT.	12	Greatest declination N.	29.826	67.0	47.3	57.3	46.1	89.0	45.0	64.5	61.0	11.4	20.7	2.3	— 2.2	Calm and S.W.	S.S.W. and Calm	0.0	0.0	0.0			3.8	0.02	
MEANS			29.769	63.1	45.7	54.4	44.7	82.5	35.9	66.1	62.3	9.7	18.9	2.1	— 4.2	†						6.7	Sum 0.43		

DAY	ELECTRICITY	Circumstances accompanying the exhibition of Electricity	GENERAL REMARKS
SUN.	Positive but very weak in the afternoon. Nothing was shewn at any other times.		In the morning the sky was partially covered with cirrocumuli, cirrostratus, and scud. During the remainder of the day it was overcast with cirrostratus, cumuli, and scud.
MON.	Nothing was shewn till 6h. a.m. After- wards it became positive with variable ten- sion, the maximum occurring at 10h. p.m.		The sky was occasionally clear till 9h. a.m. Generally overcast during the remainder of the day.
TUES.	Negative and tension moderate at about 9h. 30m. a.m., and very active from 5h. 30m. till 6h. 12m. p.m. At other times during the day it was positive with tension moderate, and occa- sionally nothing shewn.	} Rain falling.	Overcast till 6h. p.m., with fine rain falling occasionally. About one-third of the sky was covered with cirrostratus and scud during the remainder of the day. There was a heavy squall of wind and rain from 5h. 30m. till 6h. 12m. p.m. Several peals of thunder were heard.
WED.	Positive and tension moderate through- out the day.		Cloudless from 5h. a.m. till 5h. a.m. At other times during the day the greater part of the sky was covered with cirrostratus, detached cumuli, and scud.
THURS.	Negative and tension strong till 6h. a.m., and at about 7h. p.m. Positive but very weak at other times.	} Rain falling.	The sky was overcast throughout the day, with the exception of a few breaks at a little before midnight. Rain fell occasionally throughout the day.
FRID.	Positive and tension weak till 2h. p.m. Tension strong during the remainder of the day.		Generally cloudless till 5h. a.m.; from this time till 6h. p.m. the sky was about two-thirds covered with cumuli, cirrostratus, and scud. Cloudless during the remainder of the day.
SAT.	Positive with tension moderate, and very uniform, throughout the day.		About one-third of the sky was covered with cirrostratus and cumuli throughout the day.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The amount of clouds is estimated by considering a clear sky to be represented by 0, a cloudy sky by 10; and when partially cloudy by estimating the number of tenths of the whole sky covered with cloud. The observations are taken every two hours, day and night.

The readings of the two self-registering thermometers, the one placed in the full rays of the sun, and the other placed on grass fully exposed to the sky, are taken every morning at 9 A.M., and therefore exhibit the highest and lowest readings respectively, that have occurred in the previous 24 hours. They are, however, placed here opposite to the civil day which precedes that on which the thermometers are read.

Whewell's anemometer (from the indications of which the estimation of horizontal movement is made) is read at 10 A.M., and the result given is for the 24 hours preceding. It is placed here opposite to the civil day, which precedes that on which the anemometer is read. It has been in the hands of the maker for repair during the week.

The average temperature for 25 years is furnished by Mr. Henry, Assistant at the Royal Observatory, from the observations made at his residence in the neighbourhood of Greenwich Park.

\* In reading the 16th column, it will be borne in mind that + is read "higher," and — "lower," than the average.  
The temperature of the water of the Thames is ascertained by the use of a self-registering thermometer, suspended from the side of the Dreadnought Hospital Ship, at the depth of about 2 feet below the surface. The readings of this instrument are registered under the superintendence of Lieutenant Sanders, R.N., Superintendent of the Dreadnought. The mean reading of a thermometer placed on the mainmast, and read each day at 6h. 30m. A.M., was 50.4; and the mean reading at 7h. 30m. P.M., was 55.9; the mean readings at the Royal Observatory for the same times were 50.1 and 55.2 respectively.

† The mean direction of the wind for the week is N.W.

*During the Week ending Saturday, June 19th, 1847.*

PUBLISHED BY AUTHORITY OF THE REGISTRAR GENERAL.

Causes of Death	Age			Total	Weekly Averages derived from Deaths of 1842-44-5-6, and corrected for increase of Population	S Springs
	0 to 15	15 to 60	60 and upwards			
ALL CAUSES.....	405	379	192	*978	914	
SPECIFIED CAUSES.....	405	379	192	*978	909	
I.—Zymotic Diseases.....	132	38	31	201	166	
SPORADIC DISEASES—						
II.—Dropsy, Cancer, and other Diseases of uncertain or variable Seat.....	57	28	16	101	99	
III.—Diseases of the Brain, Spinal Marrow, Nerves and Senses..	82	44	21	147	158	
IV.—Diseases of the Lungs, and of the other Organs of Respiration	66	148	37	251	275	
V.—Diseases of the Heart and Blood-vessels.....	2	15	9	26	29	
VI.—Diseases of the Stomach, Liver, and other Organs of Digestion	47	28	16	91	70	
VII.—Diseases of the Kidneys, &c.....	..	14	7	21	8	
VIII.—Childbirth, Diseases of the Uterus, &c.....	..	13	1	14	10	
IX.—Rheumatism, Diseases of the Bones, Joints, &c.....	4	8	3	15	8	
X.—Diseases of the Skin, Cellular Tissue, &c.....	..	..	3	3	2	
XI.—Old Age.....	..	..	43	43	57	
XII.—Violence, Privation, Cold and Intemperance.....	15	43	5	*65	28	
I.—Small Pox.....	17	3	..	20	15	
Measles.....	35	..	..	35	23	
Scarlatina.....	15	1	..	16	24	
Whooping Cough.....	26	..	1	27	39	
Croup.....	3	..	..	3	8	
Thrush.....	6	..	..	6	4	
Diarrhoea.....	11	3	8	22	7	
Dysentery.....	1	2	..	3	1	
Cholera.....	..	1	..	1	.6	
Influenza.....	..	..	3	3	2	
Ague.....	..	..	2	2	.4	
Remittent Fever.....	3	..	..	3	.8	
Typhus.....	13	24	15	52	34	
Erysipelas.....	2	3	2	7	6	
Syphilis.....	..	1	..	1	1	
Hydrophobia.....	..	..	..	..	..	
II.—Hæmorrhage.....	..	1	..	1	3	
Dropsy.....	2	5	2	9	26	
Abscess.....	1	..	..	1	2	
Noma.....	..	..	..	..	..	
Mortification.....	..	..	..	..	4	
Purpura.....	..	3	..	3	.4	
Scrofula.....	4	2	2	8	4	
Cancer.....	..	11	5	16	12	
Tumour.....	..	..	..	..	.6	
Gout.....	..	..	..	..	1	
Atrophy.....	21	3	1	25	11	
Debility.....	23	1	..	24	21	
Malformations.....	2	..	..	2	2	
Sudden Deaths (including Coroners' Inquests, in which it is not shown from what diseases or causes the persons died.)	4	2	6	12	12	
III.—Cephalitis.....	11	3	1	15	12	
Hydrocephalus.....	25	..	1	26	38	
Apoplexy.....	2	13	6	21	22	
Paralysis.....	..	6	7	13	18	
Convulsions.....	39	..	..	39	49	
Tetanus.....	..	1	..	1	.4	
Chorea.....	..	..	..	..	.1	
Epilepsy.....	1	7	2	10	5	
Insanity.....	..	2	..	2	1	
Delirium Tremens.....	..	4	1	5	2	
Disease of Brain, &c.....	4	8	3	15	11	
IV.—Laryngitis.....	2	..	1	3	1	
Quinsey.....	1	..	1	2	1	
Bronchitis.....	14	8	18	40	21	
Pleurisy.....	2	6	..	8	2	
Pneumonia.....	33	12	2	47	63	
Hydrothorax.....	..	..	3	3	5	
Asthma.....	..	3	4	7	14	
Phthisis (or Consump- tion).....	13	11	6	34	152	
Disease of Lungs, &c.....	1	4	2	7	15	
V.—Pericarditis.....	1	..	..	1	2	
Aneurism.....	..	..	..	..	.8	
Disease of Heart, &c.....	1	15	9	25	27	
VI.—Teething.....	12	..	..	12	14	
Gastritis.....	3	..	1	4	13	
Enteritis.....	5	3	..	8	3	
Peritonitis.....	..	5	..	5	10	
Tabes Mesenterica.....	20	2	..	22	.6	
Worms.....	2	..	..	2	1	
Ascites.....	..	..				

Weekly Average derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population	5 Springs.		Deaths registered in the Week	5 Springs.		Births registered in the Week	5 Springs.	
	Males .....	468		Males .....	537		Males .....	620
	Females .....	446		Females .....	441		Females .....	558
	Total 914			Total.. 978			Total.. 1178	

NOTE.—The number of deaths in the present return is increased in some degree by an accumulation of cases on which inquests have been held, principally in Guy's, St. Thomas', and Middlesex Hospitals. It frequently happens that Coroners' returns are entered in the Registers, not immediately after the inquests, but when a considerable time has elapsed. In the above table, the *violent* deaths exceed by 36 the weekly average under this head; and it is probable that this difference indicates nearly the amount of correction which it is proper to make.

DISTRICTS OF LONDON, Comprising 135 Registrars' Districts.		Area in square Miles	Population Enu- merated in 1841	Weekly Average derived from Deaths of 1842-6, and corrected for increase of Population 5 Springs	DEATHS registered in the Week	BIRTHS registered in the Week
WEST DISTRICTS	Kensington; Chelsea; St. George, Hanover-square; Westminster; St. Martin in the Fields; St. James	17.2	301,326	141	113	164
NORTH DISTRICTS	St. Marylebone; St. Pancras; Islington; Hackney; part of Edmonton, viz. Hampstead	20.5	376,396	175	210	212
CENTRAL DISTRICTS	St. Giles and St. George; Strand; Holborn; Clerkenwell; St. Luke; East London; West London; City of London	2.8	374,759	168	181	192
EAST DISTRICTS	Shoreditch; Bethnal Green; Whitechapel; St. George in the East; Stepney; Poplar	8.8	393,247	191	195	287
SOUTH DISTRICTS	St. Saviour; St. Olave; Bermondsey; St. George, Southwark; Newington; Lambeth; Wandsworth and Clapham; Camberwell; Rotherhithe; Greenwich; Lewisham	66.2	502,483	239	279	323
TOTALS		115.5	1,948,211	914	978	1178

Births and Deaths not caused by Violence, registered in the Metropolis in the last 13 weeks, with the Mean Temperature for the same periods.

	27th Mar.	3rd April	10th April	17th April	24th April	1st May	8th May	15th May	22nd May	29th May	5th June	12th June	19th June
BIRTHS	1376	1313	1489	1338	1417	1276	1259	1327	1267	1273	1325	1177	1178
DEATHS (except from Violence)	965	949	1028	959	964	969	973	949	882	933	757	820	915
Deaths (except from Violence) at 60 yrs. & upwards	237	244	247	251	246	237	227	226	203	198	143	180	187
Bronchitis	34	73	81	68	70	62	66	59	38	47	30	43	40
Typhus	34	18	43	29	41	40	34	52	54	52	51	44	52
Purpura	2	2	..	1	5	1	2	1	2	3	3	..	3
Mean Temperature	46.6	36.8	47.9	42.6	45.5	48.1	49.1	56.1	58.4	63.4	62.3	54.4	56.0

DEATHS registered in LONDON, in seven corresponding weeks of eight years:—

No. of week.	19	20	21	22	23	24	25	Average of 7 weeks
1840	882	785	824	814	848	800	853	829
1841	789	762	861	791	854	778	783	803
1842	798	830	858	785	872	777	767	812
1843	908	896	884	900	873	980	910	907
1844	822	872	886	895	911	865	930	883
1845	841	847	822	917	851	857	815	850
1846	853	850	872	847	844	833	820	846
Average of 7 yrs	842	835	858	850	865	841	840	847
1847	937	978	911	960	786	840	978	920

The mortality of Wandsworth and Clapham, and that of Lewisham and sub-district of Hampstead, are included in the above table throughout the 8 years, though the former was not added to the Weekly Metropolitan Returns till 1844, nor the latter till 1847.

DEATHS from Purpura or from Scurvy in LONDON;—

YEARS	Quarters of 13 weeks each, ending in				Total in the Year
	March	June	Sept.	Dec.	
1842	3	5	4	4	16
1843	2	1	6	4	13
1844	5	3	7	6	21
1845	2	4	11	8	25
1846	5	9	9	5	28
1847	16	23 in 12 weeks			

1	2	3	4
Specified Ages	Deaths registered last week in London	Deaths which would have been registered if the rate of mortality had been the same as in Dorsetshire 1839-44	Excess of Mortality in London during the week
0-15	405	279	126
15-35	145	138	7
35-55	187	103	84
55 and upwards	239	164	75
All Ages	978	684	294

## EXTRACTS FROM THE METROPOLITAN RETURNS OF THE PREVIOUS WEEK, No. 24.

(The tabular abstract on the first page is for the week ending Saturday, June 19th. The following selection of cases is made from the returns for the week ending June 12th.)

NOTE.—M. or F. at the beginning of an entry indicates sex; the numerals which follow, mark the age at death, in years, except when otherwise stated. The italics at the end of an entry shew the duration of illness; and when the place is supplied by an asterisk (\*), the Coroner, Medical Practitioner, or other Informant, has not been able to ascertain, or has omitted to state the time in which the person has been subject to the disease or injury which has proved fatal. In making the return, it should invariably be stated that duration of illness could not be ascertained, when this is the case.

### RETURNS OF VIOLENT DEATHS, MADE CHIEFLY BY CORONER.

NOTE.—The cases of violence not returned by the Coroner, have the words "no inquest."

Fractures and Contusions:—	duration	Fractures and Contusions (continued):—	duration	Drowning:—	duration
In London Hospital, waterman, 46, accidental from a dislocation of ankle, caused by a fall	*	In London Hospital, police sergeant, 43 ( <i>post mort.</i> ), accidentally run over by a gig and horse, causing fracture of the skull	3 days	Cellar-man, 26, drowned when bathing in the Serpentine River (underwater about 25 min.)	
Pensioner of the Honourable East India Company, 75, sudden death, accelerated by a fall how caused unknown.		In London Hospital, carman, 24 ( <i>post mort.</i> ), accidentally run over by a waggon, causing fracture of the leg, and crushing the hand	11 days	Painter and glazier, 37, drowned in the Serpentine River—no evidence how he came into the water. A woman with child by him was found at the same time, and some clothes of each were found together on the bank—no mark of violence.	
Tunman at a brewery, 33, suicide—concussion by throwing himself off Goding's brewery, and falling into a barge (Belvidere Road, Lambeth)	instant	Son of a labourer, 9 ( <i>no inquest</i> ), extensive injury to the head, by being run over by the wheel of a gig	18 months	Servant, single woman, 23, drowned—no evidence how she came into the water. (Other particulars of this case are stated in the entry preceding.)	
In London Hospital, labourer, 44, accidental by the fall of a portion of a gravel field on his body	*	F. domestic servant, 19, suicide by placing herself on the London and South-Western Railway, before a locomotive engine in progress, being at the time in a temporary state of insanity.		Son of a carver and gilder, 16, drowned by falling into a certain ditch accidentally, in a fit (in the water 10 minutes).	
In London Hospital, cook, 25, accidental from a blow on the head from a piece of wood, which was being loaded into a ship	1 day	M. 35 ( <i>no inquest—post mort.</i> ), Pott's fracture threatened gangrene	28 days (first 24 hours)	Coal merchant, 31, accidentally drowned by the swamping of a wherry (in the water 6 days)	
In London Hospital, wife of a ship-joiner, 42, wilful murder against Gilbert Macdonald—death from rupture of intestines and fracture of ribs	*	dislocation, accompanied by sphacelus	11 days	Burns and Scalds:—	
Son of an engineer, 8 mon., contusion and compression by the box of a mangle falling on his head accidentally.		secondary abscess in lungs.		M. 6, burns by his clothing taking fire accidentally	34 days
		Widow, 78, found dead—crushing of right lung and chest—wilful murder against Mary Ann Hunt	*	M. 1 ( <i>no inquest</i> ), result of a scald	3 weeks

Query—How was the scald caused?

# THIRTEEN HOSPITALS.—CAUSES OF DEATHS (NOT VIOLENT) AS RETURNED BY THE MEDICAL OFFICERS

NOTE.—Deaths in hospitals from fractures, wounds, burns, scalds, poison, are not contained in this list. See deaths by violence.

<b>St. George's H.:—No deaths registered.</b>		<b>Fever H. (continued):—</b>		<b>St. Thomas' H.:—</b>	
<b>duration</b>		<b>duration</b>		<b>duration</b>	
<b>Westminster H.:—</b>		F. 63, { fever cirrhosis of liver ..... *		F. 27, phthisis ..... *	
51, phthisis pulmonalis ..... 3 months		(post mort.) { granular kidneys ..... long standing		F. 32, disease of rectum—enlarged liver ..... 3 years	
32, hydrothorax—ascites ..... *		{ from Camberwell—in hospital 18		M. 23, typhus ..... 14 days	
23, { general dropsy ..... 7 weeks		days.		M. 64, disease of bladder ..... *	
{ ulceration of kidneys.		F. 44, { fever ..... 3 weeks		M. 28, phthisis ..... 19 months	
<b>Charing Cross H.:—</b>		(post mort.) { fatty degeneration of heart ..... *		F. 34, typhus ..... 22 days	
M. 53, { chronic disease of the liver and		{ from St. Pancras—in hospital 12		<b>Guy's H.:—</b>	
{ kidneys—secondary syphilis—		hours.		F. 43, cancer mammae—peritonitis ..... *	
{ chronic pneumonia of right lung		F. 48, { fever ..... 40 days		M. 18, scarlet fever ..... *	
{ hæmoptysis ..... *		(post mort.) { pleuro-pneumonia ..... 20 days		M. 19, hydatid cyst, obstructing the biliary	
<b>Middlesex H.:—</b>		{ from Lambeth—in hospital 23 days.		ducts—jaundice ..... *	
F. 60, dropsy after scarlet fever ..... 14 days		<b>Small Pox H.:—</b>		M. 25, pneumonia—pleurisy ..... *	
F. 48, aneurism of aorta ..... 6 months		M. 21, smallpox, natural, confluent ..... *		M. 18, consumption ..... *	
F. 68, fistula in perinæo ..... 20 years		F. 2, smallpox, natural, confluent ..... *		F. 46, peritonitis from stricture of rectum ..... *	
F. 68, inflamed legs ..... *		M. 24, smallpox, natural, confluent ..... *		F. 52, sloughing wound, after amputation of	
<b>University College H.:—No deaths registered.</b>		<b>King's College H.:—</b>		breast for cancer ..... *	
<b>Fever H.:—</b>		F. 65 (post mort.), cancer of duodenum ..... *		F. 29, abscess of left kidney—tubercles in	
{ fever ..... *		<b>St. Bartholomew's H.:—</b>		arachnoid and lungs ..... *	
{ pneumonia—pericarditis and effu-		M. 63, disease of bladder and kidneys ..... *		F. 47, bronchitis and diseased mitral valve ..... *	
{ sion of lymph—granular kidneys		F. 19, phthisis—ulceration of intestines ..... *		F. 60, diarrhoea ..... *	
{ from Wandsworth—in hospital		F. 13, phthisis ..... *		<b>Dreadnought H.:—</b>	
{ 2 days.		<b>London H.:—</b>		M. 16, { typhus ..... 54 days	
<b>M. 29, (post mort.) { pneumonia—pericarditis and effu-</b>		M. 2 (inquest—post mort.), sudden from fits,		{ abscess in the right ankle joint. 10 days	
{ sion of lymph—granular kidneys		caused by congestion of the vessels of the		{ abscess over the larynx ..... 3 days	
{ from Wandsworth—in hospital		brain ..... *		{ ulceration of Peyer's glands.	
{ 2 days.		<b>See Violent Deaths.</b>		{ typhus ..... 20 days	
				{ extensive ulceration of Peyer's	
				{ glands.	
				{ pneumonia of each base.	

## DEATHS BY SMALL POX, TYPHUS, ETC., SYPHILIS, HÆMORRHAGE MALFORMATION, HERNIA, DIABETES, STONE, CHILDBIRTH, DELIRIUM TREMENS,

### INTEMPERANCE, PRIVATION, PURPURA, ETC.

<b>Small Pox:—</b>		<b>Typhus, &amp;c. (continued):—</b>		<b>Delirium Tremens:—</b>	
<b>duration</b>		<b>duration</b>		<b>duration</b>	
F. 8, small pox ..... 15 days		In Trinity (St. Mary, Newington) M. 6, fever, 12 days		M. 47, cerebral congestion—delirium tremens, 4 days	
NOTE.—In all cases it should be stated whether vaccina-		In Lambeth Church sub-district (2nd part),		M. 43, delirium tremens ..... 10 days	
tion had been performed successfully.		F. 80, low fever—old age ..... *		M. 28 (inquest), natural death—sudden—from	
F. 1, small pox (never vaccinated) no medical		In Kennington (2nd part) F. 2, febris syn-		delirium tremens ..... *	
attendant ..... *		chus—serous affection of the brain ..... 21 days		M. 55, inflammation of the lungs and delirium	
F. under 1, small pox—natural—without pre-		In Camberwell (sub-district), F. 3, brain fever, 14 days		tremens ..... 14 days	
vious vaccination ..... *		In Peckham, M. 15, synochus ..... 11 days		<b>Phthisis and Delirium Tremens:—</b>	
F. 1, variola—confluent (never vaccinated) .. 8 days		In Peckham, F. 11, fever, with inflammation of		M. 37, { phthisis ..... some months	
F. 4, { small pox (first attack—never vaccinated) 4 weeks		the brain ..... 14 days		{ œdema glottidis ..... 6 days	
{ sloughing genitals ..... 2 weeks		In St. George (Camberwell), F. 5 mon., fever		{ delirium tremens ..... 2 days	
F. 2, small pox (not vaccinated) ..... *		dysentery ..... 3 days		<b>Intemperance:—No deaths registered from this cause.</b>	
F. 1, confluent small pox ..... 3 weeks		In St. Nicholas, Deptford, M. 2, fever—		<b>Privation:—</b>	
F. 2, { small pox (first attack) ..... 9 days		diarrhoea ..... 2 months		M. 11 mon. (inquest), exhaustion from want	
{ vaccinated 1 year ago.		In sub-district of Woolwich Dock-yard, M. 20,		of food of proper quality—his mother's milk	
<b>See Returns of Small Pox Hospital.</b>		febris ..... 26 days		failing her on the road with him from Ire-	
<b>Chicken Pox:—</b>		In Greenwich (East), M. 64, fever ..... 3 weeks		land to London.	
F. 2, { chicken pox ..... 14 days		In Wandsworth, M. 36, low fever ..... 10 days		In St. James, Clerkenwell, M. 34 (ing.), star-	
{ water of the head ..... 7 days		<b>See Hospital Returns.</b>		vation and want of the common necessities	
<b>Typhus, &amp;c.:—</b>		<b>Remittent Fever:—</b>		of life, the result of his own imprudence	
In St. Margaret, Westminster, F. 4, fever. .... *		M. 1, remittent fever ..... 3 months		and refusal to earn a living. .... *	
In St. Clement Danes, M. 62, fever ..... 3 weeks		<b>Infantile Fever:—</b>		<b>Want of Breast-milk:—</b>	
In sub-district of St. Olave, F. 10 mon., den-		F. 1, { infantile fever ..... 14 days		M. 10 weeks, marasmus from want of breast-	
tition—synochus—convulsions ..... 11 weeks		{ effusion on the brain ..... 5 days		milk—no medical attendant ..... *	
In Greenwich (West), M. 1, fever and pneu-		<b>Syphilis:—</b>		F. 6 mon., atrophy from want of breastmilk. 1 month	
monia ..... 3 weeks		M. 2 months, syphilis ..... 5 weeks		F. 5 mon., diarrhoea from want of breastmilk. 4 months	
In St. John, Westminster, F. 48, typhus ..... 2 weeks		<b>See Return of Charing Cross Hospital.</b>		F. 8 mon., ulcerative stomatitis from imperfect	
In Rectory (sub-district) St. Mary-le-bone,		<b>Hæmorrhage:—</b>		nutrition ..... *	
F. 40, typhus ..... *		F. 23, hæmorrhage ..... 2 weeks		<b>Miscellaneous Causes:—</b>	
In St. John, St. Mary-le-bone, M. 51, fever		M. newly born (inquest), hæmorrhage by the		F. 20, a native of { asphyxia ..... 30 min.	
and convulsions ..... 14 days		umbilical cord not being secured, but whe-		Demerara, which she left 2 yrs. ago, { lepra tuberculosa ..... 10 years	
In Somers Town, { continued fever ..... 8 days		ther left so designedly or not, or under		F. 27 (post mort.), hypertrophy of left ventricle	
M. 44, { pneumonia ..... 6 days		what circumstances born, no proof.		of heart—induration—nutmeg liver—dis-	
In Somers Town, F. 17, synochus ..... 10 days		<b>Malformation:—</b>		ease of kidneys—ovarian cyst—dropsy. .... 1 year	
In sub-district of Regent's Park, F. 57, in-		M. under 1, malformation—exhaustion.		M. 49, cirrhosis—fever ..... 10 days	
flamatory fever ..... *		M. 20 (post mort.), malformation of the heart,		F. 45, { cirrhosis and phthisis ..... 18 months	
In Islington (East) M. 7, fever ..... *		M. 2 weeks, spina bifida.		{ ascites ..... 4 months	
In Islington (East) F. 1, fever ..... 10 days		M. 9 days, cyanosis ..... *		M. 51, tuberculated liver ..... *	
In St. Giles (North) M. 3, fever—convulsions		<b>Hernia:—No deaths registered from this cause.</b>		M. 73, ascites from cirrhosis ..... 6 weeks	
In North-west sub-district { bronchitis ..... 3 months		<b>Diabetes:—No deaths registered from this cause.</b>		M. 45, { jaundice from gallstones ..... 4 days	
{ of City of London, M. 37, { typhus ..... 4 weeks		<b>Stone:—</b>		{ congestion of the brain ..... 2 days	
In Hoxton, Old Town, M. 30, typhus with		M. 9, stone—paralysis ..... *		M. 2, phagedæna in the ear and side of the	
hepatic disease ..... 2 weeks		<b>Childbirth:—The time clapsing from commencement</b>		head, originating from teething. .... *	
In the Artillery sub-district of Whitechapel,		<b>of labour to death should invariably be returned.</b>		M. 21, { consumption ..... 6 months	
F. 8, fever ..... 14 days		F. 32, { delivery ..... 3 hours		{ inflammation of the brain from study. 3 months	
In Whitechapel (North), M. 47, typhus. .... *		{ uterine hæmorrhage.		F. 44, { hydatid tumour ..... 2 days	
In Whitechapel (North) F. 48, synochus ..... *		F. 43, { rupture of the uterus in childbirth. 2½ hours		{ causing obstruction of the bowels. .... *	
In Whitechapel (North) F. 74, synochus and		(p.m.) { excessive pain and loss of blood con-		M. 65, lupus ..... *	
infirmities of age ..... *		sequent thromb.		M. 3 weeks, pompholyx ..... *	
In St. Mary (St. George) { typhus ..... 5 days		F. 23, { childbirth ..... 3 days			
In the East, M. 85, { pneumonia ..... 3 days		{ hysteritis ..... *			
{ effusion into the pleura					
{ and pericardium, 1 day					
In Mile End Old Town { debility ..... several years					
(Upper), F. 75, { fever ..... 3 weeks					
In Poplar sub-district, F. 16, typhus ..... 5 days					
In Kent-road sub-district, M. 48, typhus—					
paralysis ..... *					
In Kent-road sub-district, F. 80, fever ..... *					

ANALYSIS OF CASES IN WHICH INQUESTS WERE HELD.—Violence, 17; apoplexy, 2; ossification of heart, 1; privation, 2; other specified causes, 6; "natural

death," "visitation of God," "found dead," &c. 10.—TOTAL, 38 cases.

THE NUMBER OF CASES IN WHICH IT IS RECORDED THAT A POST MORTEM EXAMINATION WAS MADE, IS 37.

# METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH,

During the Week ending Saturday, 19th June, 1847.

Day.	Phase of the Moon	Mean height of the Barometer, from 12 Observations (corrected and reduced to 32 degrees Fahrenheit.)	Readings of Thermometers										Difference between the Dew Point Temperature and Air Temperature			Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 25 years	WIND						Mean Amount of Cloud, 0-10	Rain in inches, read at 9 o'clock and at 9 o'clock next morning																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
			Dry			Dew Point	Highest in the sun, as shown by a self-register- ing Thermometer	Lowest on the grass, as shown by a self-register- ing Thermometer	In the Water of the Thames at Greenwich, by the self- registering Thermometer, read at 9 o'clock next morning		Mean of 12 Days	Greatest	Least	General Direction			Pressure in lbs. on the square foot			Amount of Horizontal Movement of the Air in each day																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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JUNE,		in.	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o

DAY	ELECTRICITY	Circumstances accompanying the exhibition of Electricity	GENERAL REMARKS
SUN.	Nothing was shewn at any examination throughout the day.		Overcast throughout the day. There were occasionally slight showers of rain.
MON.	Positive and tension moderate till 4h. a.m., and from 3h. p.m. till 10h. p.m. Nothing was shewn at any other times.		Generally overcast throughout the day. A thin rain was falling at intervals.
TUES.	Nothing was shewn till 9h. a.m. Strong negative and occasional positive electricity was shewn from 9h. 30m. a.m. till 3h. 30m. p.m. Sparks were frequent, and several galvanic currents shewn.	Rain in squalls.	Cloudless from 2h. a.m. till 6h. a.m. From this time till 8h. p.m. the sky was generally about two-thirds covered with cirrostratus, cumuli, and scud till 8h. p.m., and cloudless during the remainder of the day. There were occasional squalls of wind and rain.
WED.	Negative and tension moderate from 9h. a.m. till noon. Positive but generally weak at other times.	Rain falling.	The sky was cloudless till about 2h. a.m., and overcast during the remainder of the day. Rain was falling occasionally during the morning and afternoon.
THURS.	Positive and tension strong from 7h. a.m. till 2h. p.m., and from 7h. p.m. till 9h. 30m. p.m. Nothing was shewn at any other times.		The sky was generally covered with cirrostratus, fleecy clouds, and scud throughout the day. A light rain was falling in the evening.
FRID.	Negative and occasionally positive from 5h. a.m. till 4h. p.m. Positive and tension moderate during the remainder of the day.	Rain generally falling.	Overcast till 4h. p.m., and about three-fourths covered with cirrostratus, fleecy clouds, and scud during the remainder of the day. Rain was falling at intervals during the morning.
SAT.	Positive and tension generally strong till 8h. p.m. Nothing was shewn after this time.		Cumulostrati, cirrostratus, and scud covered the greater part of the sky till 6h. p.m. Generally clear during the remainder of the day.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The amount of clouds is estimated by considering a clear sky to be represented by 0, a cloudy sky by 10; and when partially cloudy by estimating the number of tenths of the whole sky covered with cloud. The observations are taken every two hours, day and night.

The readings of the two self-registering thermometers, the one placed in the full rays of the sun, and the other placed on grass fully exposed to the sky, are taken every morning at 9 A.M., and therefore exhibit the highest and lowest readings respectively, that have occurred in the previous 24 hours. They are, however, placed here opposite to the civil day which precedes that on which the thermometers are read.

Whewell's anemometer (from the indications of which the estimation of horizontal movement is made) is read at 10 A.M., and the result given is for the 24 hours preceding. It is placed here opposite to the civil day, which precedes that on which the anemometer is read.

The average temperature for 25 years is furnished by Mr. Henry, Assistant at the Royal Observatory, from the observations made at his residence in the neighbourhood of Greenwich Park.

\* In reading the 16th column, it will be borne in mind that + is read "higher," and — "lower," than the average.

The temperature of the water of the Thames is ascertained by the use of a self-registering thermometer, suspended from the side of the Dreadnought Hospital Ship, at the depth of about 2 feet below the surface. The readings of this instrument are registered under the superintendence of Lieutenant Sanders, R.N., Superintendent of the Dreadnought. The mean reading of a thermometer placed on the mainmast, and read each day at 6h. 30m. A.M., was 55.0; and the mean reading at 7h. 30m. P.M., was 58.7; the mean readings at the Royal Observatory for the same times were 53.7 and 57.6 respectively.

† The mean direction of the wind for the week is S.S.W.

# Births and Deaths registered in London,

During the Week ending Saturday, June 26th, 1847.

ANNUAL SERIES VIII.]

PUBLISHED BY AUTHORITY OF THE REGISTRAR GENERAL.

[No. 26.]

Causes of Death	Age			Total	Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population 5 Springs	Causes of Death.	Age			Total	Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population 5 Springs
	0 to 15	15 to 60	60 and upwards				0 to 15	15 to 60	60 and upwards		
ALL CAUSES.....	402	326	185	*921	914	IV.—Laryngitis .....	1	..	..	1	1
SPECIFIED CAUSES.....	400	325	185	*911	909	Quinsey .....	2	..	..	2	1
I.—Zymotic Diseases .....	142	39	18	†200	166	Bronchitis .....	9	10	14	33	21
SPORADIC DISEASES—						Pleurisy .....	..	2	..	2	2
II.—Dropsy, Cancer, and other Diseases of uncertain or variable Seat .....	53	26	19	98	99	Pneumonia .....	39	8	6	53	63
III.—Diseases of the Brain, Spinal Marrow, Nerves and Senses ..	83	30	23	136	158	Hydrothorax .....	..	1	2	3	5
IV.—Diseases of the Lungs, and of the other Organs of Respiration ..	75	134	44	253	275	Asthma .....	..	7	8	15	14
V.—Diseases of the Heart and Blood-vessels .....	1	13	18	32	29	Phthisis (or Consumption) .....	23	105	6	134	152
VI.—Diseases of the Stomach, Liver, and other Organs of Digestion ..	32	29	13	74	70	Disease of Lungs, &c. ....	1	1	8	10	15
VII.—Diseases of the Kidneys, &c. ....	..	11	4	15	8	V.—Pericarditis.....	..	1	1	2	2
VIII.—Childbirth, Diseases of the Uterus, &c. ....	..	13	2	15	10	Aneurism .....	..	..	..	..	.8
IX.—Rheumatism, Diseases of the Bones, Joints, &c. ....	4	6	3	13	8	Disease of Heart, &c. ....	1	12	17	30	27
X.—Diseases of the Skin, Cellular Tissue, &c. ....	..	2	..	2	2	VI.—Teething.....	8	..	..	8	14
XI.—Old Age .....	..	..	38	38	57	Gastritis .....	..	..	..	..	13
XII.—Violence, Privation, Cold and Intemperance .....	10	22	3	35	28	Enteritis .....	5	2	2	9	3
I.—Small Pox .....	25	1	..	26	15	Peritonitis .....	3	1	..	4	10
Measles .....	42	..	..	42	23	Tabes Mesenterica.....	11	1	..	12	.6
Scarlatina .....	10	1	..	11	24	Worms .....	1	..	..	1	1
Whooping Cough .....	18	..	..	18	39	Ascites .....	..	2	1	3	2
Croup .....	5	..	..	5	8	Ulceration (of Intestines, &c.) .....	..	2	..	2	2
Thrush .....	2	..	..	2	4	Hernia .....	..	2	4	6	2
Diarrhoea.....	15	2	4	21	7	Colic or Ileus.....	1	1	..	2	3
Dysentery .....	1	1	..	2	1	Intussusception .....	..	..	1	1	.8
Cholera .....	..	..	..	..	.6	Stricture (of the Intestinal Canal) .....	..	1	..	1	.4
Influenza .....	..	1	..	1	2	Hæmatemesis.....	1	2	..	3	.9
Ague .....	..	..	..	..	.4	Disease of Stomach, &c. ..	2	3	..	5	5
Remittent Fever.....	..	..	..	..	.8	Disease of Pancreas .....	..	..	..	..	..
Typhus .....	17	28	12	†58	34	Hepatitis .....	..	2	2	4	2
Erysipelas .....	4	3	2	9	6	Jaundice .....	..	3	1	4	2
Syphilis .....	3	2	..	5	1	Disease of Liver, &c. ....	..	7	2	9	9
Hydrophobia .....	..	..	..	..	..	Disease of Spleen.....	..	..	..	..	.1
II.—Hæmorrhage .....	..	1	..	1	3	VII.—Nephritis.....	..	..	..	..	.6
Dropsy .....	3	5	3	11	26	Ischuria .....	..	..	1	1	.1
Abscess .....	..	1	..	1	2	Diabetes .....	..	1	..	1	.4
Noma .....	..	..	..	..	..	Cystitis .....	..	..	..	..	.4
Mortification .....	..	1	2	3	4	Stone .....	..	..	..	..	.5
Purpura .....	1	1	..	2	.4	Stricture (of the Urethra) ..	..	..	1	1	.9
Scrofula .....	4	3	..	7	4	Disease of Kidneys, &c. ..	..	10	2	12	6
Cancer .....	..	12	6	18	12	VIII.—Childbirth .....	..	7	..	7	7
Tumour .....	1	1	..	2	.6	Paramenia .....	..	1	..	1	.2
Gout .....	..	..	..	..	1	Ovarian Dropsy .....	..	2	..	2	.6
Atrophy .....	22	..	1	23	11	Disease of Uterus, &c. ....	..	3	2	5	2
Debility .....	18	..	..	18	21	IX.—Arthritis .....	..	..	..	..	.1
Malformations .....	2	..	..	2	2	Rheumatism .....	2	4	..	6	3
Sudden Deaths (including Coroners' Inquests, in which it is not shewn from what diseases or causes the persons died.)	2	1	7	10	12	Disease of Joints, &c. ....	2	2	3	7	4
III.—Cephalitis .....	8	1	..	9	12	X.—Carbuncle .....	..	..	..	..	.1
Hydrocephalus .....	32	2	..	34	38	Phlegmon .....	..	..	..	..	.2
Apoplexy .....	1	9	13	23	22	Ulcer .....	..	1	..	1	.5
Paralysis.....	..	9	6	15	18	Fistula.....	..	..	..	..	.3
Convulsions.....	37	..	..	37	49	Disease of Skin, &c.....	..	1	..	1	.6
Tetanus .....	..	..	..	..	.4	XI.—Old Age .....	..	..	38	38	57
Chorea .....	..	1	..	1	.1	XII.—Intemperance .....	..	2	..	2	.9
Epilepsy .....	1	2	1	4	5	Privation.....	1	4	..	5	.3
Insanity .....	..	..	3	3	1	Violent Deaths .....	9	16	3	28	27
Delirium Tremens.....	..	3	..	3	2	Causes not Specified.....	2	1	..	*10	5
Disease of Brain, &c. ....	4	3	..	7	11						

Weekly Average derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population		5 Springs.		Deaths registered in the Week		Births registered in the Week	
Males .....	468	Females .....	446	Males .....	471	Males .....	676
				Females .....	450	Females .....	679
Total 914		Total.. 921		Total.. 1355			

\* The Return from St. Clement Danes has not been received this week. Averages of 7 for deaths, and 9 for births have been derived from the returns of six previous weeks, and added in place thereof. The seven deaths are assigned to the head of "Causes not specified."

† The age of 1 person, whose death was ascribed to fever, is not stated.

DISTRICTS OF LONDON, Comprising 135 Registrars' Districts.		Area in square Miles	Population Enu- merated in 1841	Weekly Average derived from Deaths of 1842-6, and corrected for Increase of Population	DEATHS registered in the Week	BIRTHS registered in the Week
				5 Springs		
WEST DISTRICTS	{ Kensington; Chelsea; St. George, Hanover-square; Westminster; St. Martin in the Fields; St. James .....	17.2	501,826	141	121	166
NORTH DISTRICTS	{ St. Marylebone; St. Pancras; Islington; Hackney; part of Edmonton, viz. Hampstead .....	20.5	376,396	175	225	289
CENTRAL DISTRICTS	{ St. Giles and St. George; Strand; Holborn; Clerkenwell; St. Luke; East London; West London; City of London .....	2.8	374,759	168	161	237
EAST DISTRICTS	{ Shoreditch; Bethnal Green; Whitechapel; St. George in the East; Stepney; Poplar .....	8.8	393,247	191	184	298
SOUTH DISTRICTS	{ St. Saviour; St. Olave; Bermondsey; St. George, Southwark; Newington; Lambeth; Wandsworth and Clapham; Camberwell; Rotherhithe; Greenwich; Lewisham .....	66.2	502,483	239	230	365
TOTALS .....		115.5	1,948,211	914	921	1355

Births and Deaths not caused by Violence, registered in the Metropolis in the last 13 weeks, with the Mean Temperature for the same periods.

	3rd April	10th April	17th April	24th April	1st May	8th May	15th May	22nd May	29th May	5th June	12th June	19th June	26th June
BIRTHS .....	1313	1489	1338	1417	1276	1259	1327	1267	1273	1325	1177	1178	1355
DEATHS (except from Violence) .....	949	1028	959	964	969	973	949	882	933	757	820	915	893
Deaths (except from Violence) at 60 yrs. & upwards .....	244	247	251	246	237	227	226	203	198	143	180	187	182
Bronchitis .....	73	81	68	70	62	66	59	38	47	30	43	40	33
Typhus .....	18	43	29	41	40	34	52	54	52	51	44	52	58
Purpura .....	2	0	1	5	1	2	1	2	3	3	0	3	2
Mean Temperature .....	36.8	47.9	42.6	45.5	48.1	49.1	56.1	58.4	63.4	62.3	54.4	56.0	57.8

## EXTRACTS FROM THE METROPOLITAN RETURNS OF THE PREVIOUS WEEK, No. 25.

(The tabular abstract on the first page is for the week ending Saturday, June 26th. The following selection of cases is made from the returns for the week ending June 19th.)

CORONER'S CASES.—Violence, 59; apoplexy, 7; disease of the heart, 2; intemperance, 2; other specified causes, 19; causes not specified, 12.—TOTAL, 101 cases.  
POST MORTEM EXAMINATIONS, 62.

### RETURNS OF VIOLENT DEATHS, MADE CHIEFLY BY CORONER.

NOTE.—The cases of violence not returned by the Coroner, have the words "no inquest."

Fractures and Contusions:—	duration	Fractures and Contusions (continued):—	duration	Drowning (continued):—	duration
M. 61, natural death—sudden—accelerated by a fall .....	*	In Middlesex Hospital, M. seller of firewood 54, crushing of the head by a cart wheel from slipping off the shaft .....	3 days	M. 35, drowning—was of unsound mind.	
In Middlesex Hospital, bricklayer's labourer 21, a fall on the back fifteen feet from a roof, while drunk at work .....	*	In St. Thomas' Hospital, labourer 19, rupture of the bladder and other internal injuries from being run over by a waggon which he was driving down Bromley-hill, by his accidentally slipping down .....	2 days	F. 20, drowning—not known how she came into the water—suspected of going to the river to commit suicide.	
In Middlesex Hospital, tailor 27, erysipelas of the head from a wound of the forehead, by falling in the street while drunk .....	12 days	In Guy's Hospital, daughter of a shoemaker 2, internal injuries to the abdomen from the kick of a horse drawing a van in White-street, Southwark .....	36 hours	M. 19, accidentally drowned by a fall from a boat into the Regent's canal basin.	
House-painter about 35, fracture of the thigh and other injuries caused by a fall from a scaffold .....	*	In Guy's Hospital, son of a brushmaker 7, fractured jaw and other injuries from being run over by a cart in St. Andrew's-road, Horse-monger-lane (post mort.) .....	3 days	Son of a cooper 10, found dead without marks of violence, in a reservoir of water.	
In Guy's Hospital, clerk at Exeter Hall, 46, (post mort.) exhaustion caused by the ligature connecting the right kneecap with the bone of the leg being broken by a fall on London Bridge .....	10 days	In Guy's Hospital, overlooker of ballast trains 27, fracture of his skull by being knocked down and run over by a railway train on the Greenwich line at the Spa-road .....	30 minutes	F. (age unknown) found dead—apparently drowned without marks of violence.	
In St. Thomas' Hospital, labourer 36, fracture of his skull caused by falling on a float of timber, in the East County Dock at Rother-hithe, the cause of his fall unknown .....	8 hours	In St. Thomas' Hospital, labourer at the South Western railway 19, fracture of his skull by the body of a railway carriage falling on him whilst removing some wood from under it, at Nine Elms railway station .....	3½ hours	M. 54, drowned, but how he came into the water no sufficient proof.	
In Guy's Hospital, labourer 53, exhaustion caused by compound fracture of his left thigh by a fall in one of the new wards of Guy's Hospital .....	4½ months	M. 62, { injury to the right side .....	*		
In St. Thomas' Hospital, labourer 56, (post mort.) fractured ribs and injury to his lungs by a fall whilst pulling down a house .....	4 days	(no inquest) { pneumonia .....	9 days	Hanging and Suffocation:—	
M. 82, (no inquest), icterus following severe injuries occasioned by a fall .....	10 days	F. 3 days, (no inquest), debility from birth-bruise on right leg at the knee .....	*	M. servant of all work about 37, suicide by hanging—state of mind unknown.	
M. 21, accidentally killed by a fall down stairs, causing concussion of the brain .....	instant	In St. Thomas' Hospital, porter on the South Western railway 25, laceration of his scalp, and other injuries caused by a railway train at Farnborough station, as he was incautiously walking on the line .....	13 hours	Timman 26, hanging—suicide while drunk.	
Labourer 48, inflammation of the lungs caused by falling with a sack of cement on his back (in Lambeth) .....	5 days			F. 16, hanged herself in a privy—in a temporary state of insanity.	
F. 46, manslaughter against Henry Jones Harrison—rupture of gall-bladder by a kick .....	*	Wounds:—		F. pauper, formerly a housekeeper, about 73, strangulation—suicide with a cord fastened round the neck—not known whether insane.	
Foreman gateman 56, accidental by a blow from a broken spritsail yard, and submersion in the waters of the docks (1 month).		M. publican 54, wound in the throat made with his own hand—suicide .....	2 days	M. 3 months, found dead, apparently suffocated, without marks of violence.	
M. (unknown) newly born, wilfully murdered by persons unknown, by blows on the head	*	In Guy's Hospital, hat-dyer 67, cutting his throat with a razor, in a state of delirium, arising from great bodily suffering .....	10 hours	Sailor 35, found dead—having fallen out of bed and become suffocated on a pillow—how caused no evidence.	
F. 30, (no inquest) laceration of the peritoneum	5 days	In St. Thomas' Hospital, M. about 40, cutting his throat with a knife (at Princes-street)—(temporary insanity) .....	2 days	Son of a seller of cat's meat 6 weeks, suffocation accelerated by convulsions.	
Query—How was this caused?				F. recently born (p.m.), suffocation; but no evidence how caused .. probably lived only a few hours	
M. 25, blow on the head by a plank which slipped from the dog-clamps of a crane on raising it from a railway truck .....	instant	Drowning:—		F. 5 weeks, suffocation from being overlaid by the mother accidentally during sleep.	
F. 54, fractured ribs from having been accidentally upset in a cart .....	7 days	M. about 50, suffocation from drowning—not known whether suicide; membranes of brain inflamed, and brain itself in some parts.			
M. 52, fractured ribs, with laceration of the lungs, from being run over by his own caravan, having fallen therefrom while trying to pick up his reins .....	instant	M. 23, drowning—not known how he came into the canal.		Burns and Scalds:—	
In St. Thomas' Hospital, carman 21, fractured skull and lacerated brain, by falling from a water cart in the Wandsworth-road—supposed to be in a fit .....	1 hour	M. recently born (post mort.) asphyxia, but no evidence of the cause—found dead (found in the river Thames, off Griffin's wharf, Southwark).		F. 7, burns, from a child, not legally responsible, firing her clothes with a lucifer match, when the mother was absent .....	*
In Guy's Hospital, teacher of music about 50, (post mort.) pleurisy and inflammation of his lungs, caused by a fracture of his left leg from falling off an omnibus which was upset at Brixton .....	4 days	Labourer about 40, apparently from drowning, (found in the river Thames, Woolwich).		In Guy's Hospital, son of a traveller 8, burnt by his clothes taking fire whilst poking the fire (at Gravel-lane, Southwark) .....	27 hours
		Fisherman (age unknown), drowning, no evidence how (found in the river Thames, Woolwich).		In Guy's Hospital, child of a spinster 2, burnt by his clothes taking fire, whilst left by himself (at White Hart-court, Bermondsey-st.)	1 month
		Labourer about 20, apparently from drowning, the body in a very bad state of decomposition (found in the river Thames, Woolwich).		In Guy's Hospital, daughter of a shoemaker 10, burnt by her pinafore taking fire, whilst taking a kettle off the fire (at Southwark-bridge-road) .....	15 hours
				In Guy's Hospital, spinster, daughter of a labourer 20, burnt by her clothes taking fire from a candle which she had placed on the floor (at Clapham) .....	8 hours
				In St. Thomas' Hospital, son of a labourer 14, scalded by falling into a pan of boiling potash, whilst gauging it (at the Spa-road) ..	3 days
				Poison:—	
				In St. Thomas' Hospital, bricklayer, 51, (p.m.) poisoned himself by taking an ounce of opium in temporary insanity .....	13 hours
				M. 19, poisoned himself by taking Butler's vermin-killer .....	1 or 2 hours
				F. 18, prussic acid taken by mistake .....	almost instantly

# FIFTEEN HOSPITALS.—CAUSES OF DEATHS (NOT VIOLENT) AS RETURNED BY THE MEDICAL OFFICERS

NOTE.—Deaths in hospitals from fractures, wounds, burns, scalds, poison, are not contained in this list. See deaths by violence.

<b>St. George's H.:—</b>		<b>Fevers H. (continued):—</b>		<b>London H.:—</b>	
M. 58, { stricture ..... many years	duration	M. 20, { fever ..... 17 days	duration	M. 60, dropsy ..... *	duration
M. 39, diseased knee-joint—sloughing phage-		M. 20, { slight pericarditis ..... *		M. 41, dropsy ..... *	
dena—secondary abscess .....		M. 20, { serous infiltration of lungs. .... *		M. 60, icterus—morbus hepatis .....	
F. 32, sloughing of the external organs of		M. 20, { tubercular deposit in kidneys. .... *		M. 52, debility ..... *	
generation .....		M. 20, { from Camberwell; in hospital 13 days. .... *		F. 35, morbus cordis .....	
<b>Westminster H.:—</b>		M. 70, { fever ..... *		<b>St. Thomas' H.:—</b>	
M. 24, febris—spinal curvature ..... 14 days		M. 70, { from St. Pancras; in hospital 1 hour. .... *		F. 52, retention of urine ..... *	
M. 21, gastro-enteric fever ..... 14 days		F. 22, { fever ..... 31 days		Labourer, 48, <i>inquest</i> , (p. m.) serous apoplexy,	
M. 41, febris ..... 10 days		F. 22, { abscess in rima glottidis .....		caused by drinking a pint and a half of raw	
M. 37, nephritis ..... 10 days		F. 22, { suffocation—sudden. .... *		gin and beer mixed (at Lower Thames-st.) 10 hours	
F. 27, pleuritis ..... *		F. 21, { from Holborn—in hospital 23 days. .... *		M. 25, typhus ..... 10 days	
<b>Charing Cross H.:—</b>		F. 21, { pleurisy ..... 38 days		M. 50, typhus ..... 16 days	
M. 35, { cerebral disturbance—no organic		F. 21, { erysipelas ..... 4 days		F. 26 (post mort.), diseased kidneys; gastritis	
(p.m.) { change sufficient to account for		F. 55, { from Lambeth; in hospital 30 days. .... *		chronica ..... 2 years	
death. .... *		F. 55, { fever ..... 15 days		<b>See Violent Deaths.</b>	
(p.m.) { convulsions. .... *		F. 55, { congestion of cerebrum—pleuro-pneu-		<b>Guy's H.:—</b>	
M. 18, { suppuration of the internal ear, and		F. 55, { monia. .... *		M. 43 <i>inquest</i> , (post mort.), natural death from	
(p.m.) { destruction of the lining membrane,		F. 18, { from St. Pancras; in hospital 7 days. .... *		erysipelas ..... 2 weeks	
with a small abscess in the anterior		F. 18, { pneumonia—spleen softened—blood		F. 8, tumor cerebri ..... *	
lobe of the brain on the same side,		F. 18, { fluid. .... *		M. 57, stone in the bladder—operation .....	
quite distant from the ear—dura		F. 18, { from St. James, Westminster—in hos-		<b>See Violent Deaths.</b>	
mater over the disease in the ear		F. 18, { pital 11 days. .... *		<b>Dreadnought H.:—</b>	
quite sound. .... *		<b>Small Pox H.:—</b>		M. 30, { dysentery and scurvy ..... 2 months	
M. 55, purpura hæmorrhagica ..... 5 or 6 weeks		F. 22, { small pox—confluent—natural. .... } 4 days		(p.m.) { inflammation of ilium. .... *	
F. 17, { purpura hæmorrhagica ..... *		F. 22, { hæmorrhagia. .... }		(p.m.) { extensive ulceration of large bowel. .... *	
had lived on very spare diet for several		<b>King's College H.:—</b>		M. 32, { empyema, right chest ..... 7 weeks	
weeks. .... *		M. 30 (post mort.) pleurisy ..... *		(p.m.) { anasarca and ascites subsequently. .... *	
M. 40, intussusception ..... 3 days		F. 17, { Bright's disease of kidney ..... 7 months		(p.m.) { dysenteric ulceration of the colon. .... *	
F. 65, { chronic cystitis ..... *		F. 17, { dropsy. .... *		M. 24, { tropical dysentery ..... 10 months	
(p.m.) { deposit of pus in both kidneys. .... *		F. 34, { scirrhus of uterus. .... *		(p.m.) { abscess of the liver ..... probably 6 weeks	
F. 17, { sanguineous apoplexy from old disease		F. 34, { hæmorrhage. .... *		(p.m.) { bursting into the peritoneum ..... 15 days	
(ing.) { of brain—suddenly insensible. lived 36 hours		<b>St. Bartholomew's H.:—</b>		pericarditis ..... 4 days	
See Violent Deaths.		M. 37, erysipelas of the thigh ..... *		<b>Royal Ordnance H.:—</b>	
<b>University College H.:—No deaths registered.</b>		M. 32, syphilitic disease of the skull, extending		Gunner in Royal { remittent fever ..... *	
<b>Fevers H.:—</b>		to the brain ..... *		Artillery, 21, { consumption ..... 89 days	
M. 16, { peritonitis ..... *		M. 49, disease of the brain ..... *		<b>Unité Hospital Ship:—</b>	
(p.m.) { in hospital 3 days—From Shoreditch.		M. 24, pleurisy ..... *		M. convict, 24, ( <i>inquest</i> ), scrofula and con-	
disease of heart ..... 7 years		M. 15, chronic peritonitis with tubercles in the		somption ..... 1 year	
M. 44, { hypertrophy and dilatation. .... *		serous membrane of the lungs and peri-		M. convict, 60, ( <i>inquest</i> ), ague and continued	
(p.m.) { diseased valves—granular kidneys—		toneum, and enlargement of the bronchial		fever ..... *	
œdema of liver—fibrinous deposit in		and mesenteric glands. .... *		M. convict, 20, ( <i>inquest</i> ), inflammation and	
spleen—from Camberwell. .... *		M. 59, jaundice ..... *		abscess of the lungs. .... *	
<b>DEATHS BY SMALL POX, TYPHUS, ETC., SYPHILIS, HÆMORRHAGE MALFORMATION, HERNIA, DIABETES, STONE, CHILDBIRTH, DELIRIUM TREMENS, INTemperance, PRIVATION, PURPURA, ETC.</b>		M. 48, disease of the liver. .... *			
<b>Small Pox:—</b>		<b>Typhus, &amp;c. (continued):—</b>		<b>Stone:—</b>	
M. 11, { confluent small pox ..... 7 days	duration	In St. Giles's (South), F. 2, fever ..... 10 days	duration	F. 35, { renal calculus ..... 2 years or more	duration
M. 1, small pox ..... *		In sub-district of St. George, Holborn, M. 50,		(p.m.) { impaction of calculus in right ureter... 13 weeks	
NOTE.—It should be stated in all cases whether vaccina-		supposed typhus, not seen till 8 hours		suppuration of right kidney ..... 12 weeks	
tion has been performed with effect. .... *		before death ..... *		M. 67, { stone in the bladder. .... *	
F. 4, small pox ..... *		In St. George, Bloomsbury, F. 62, fever. .... 4 weeks		diseased bladder ..... some years	
F. 1, small pox (not vaccinated) ..... *		In St. George, { fever ..... 6 months		<b>See Return of Guy's Hospital.</b>	
F. 1, small pox (not vaccinated) ..... 10 days		Holborn, M. 30, { debility—bronchitis ..... *		<b>Childbirth:—The time elapsing from commencement</b>	
F. 2, { small pox ..... 14 days		In St. Andrew (East), Holborn, M. 5, fever. .... 6 weeks		of labour to death should invariably be returned.	
{ vaccinated 1 year ago. .... *		In St. Andrew (East) Holborn, M. 60, fever. .... 3 weeks		F. 32, { premature labour (at 7th month) .... *	
F. 3, { small pox ..... 11 days		In St. Botolph, M. 46, fever. .... *		peritonitis ..... 15 days	
{ vaccinated 2 years before eruption, with		In South sub-district of West London, M. 3,		F. 22, puerperal convulsions. .... 10 hours	
effect. .... *		fever ..... 6 days		F. 27, puerperal fever. .... 13 days	
M. 1, small pox (not vaccinated) ..... 8 days		In South sub-district of City of London, F. 73,		{ puerperal insanity ..... 3 months	
M. 3, { small pox (1st attack—not vaccinated)		typhus ..... *		abscess in the lung ..... 2 months	
{ inflammation of the lungs. .... *		In Whitechapel (North), M. 62, synochus and		died in the seventh month of pregnancy	
F. 17, { small pox ..... *		infirmities of age ..... *		undelivered. .... *	
{ typhus mitior ..... *		In Whitechapel (North), F. 28, typhus ..... *		F. 25, peritonitis after delivery of a putrid	
{ cerebral effusion ..... *		In Whitechapel (North), F. 61, synochus ..... *		fœtus. .... *	
M. 10 mon., variola (not vaccinated) ..... 7 days		In Mile-end, Old Town (Lower), F. 45, fever, 12 days		F. 35, childbirth. puerperal fever ..... *	
M. 5, small pox (not vaccinated) ..... 4 weeks		In Mile-end, Old Town (Lower), F. 75, fever, 13 days		<b>Delirium Tremens:—</b>	
M. 8, small pox (not vaccinated) ..... *		In St. Mary Magdalen, Bermondsey, F. 50,		M. 48, delirium tremens ..... 7 days	
M. 10 mon., variola (not vaccinated) ..... 11 days		fever—parotid buboes. .... *		M. 74, delirium tremens ..... *	
F. 6 mon., small pox (not vaccinated) ..... 6 days		In St. James, Bermondsey, M. 14, typhus		M. 51, delirium tremens ..... 4 days	
M. 1 small pox (vaccinated) ..... *		mitior ..... 3 weeks		M. 44, { delirium tremens ..... 4 days	
M. 2, small pox (vaccinated when 3 months old) .....		In London-road sub- { hepatitis ..... 13 days		{ typhus ..... 3 days	
F. 23, small pox (not vaccinated) ..... 5 weeks		district, M. 47, { typhus ..... 14 days		M. 38, delirium tremens ..... *	
F. 1, { small pox ..... 10 days		In St. Mary, New- { fever ..... 4 days		<b>Intemperance:—</b>	
{ vaccination attempted a year ago without		ington, M. 3, { cerebral congestion ..... 4 days		Labourer 45, <i>inquest</i> , (p.m.) rupture of a blood-	
success—(no medical attendant).		In St. Peter, Walworth, M. 5, fever ..... *		vessel on the brain caused by the head being	
See Small Pox Hospital Returns.		In Waterloo sub-district (1st part), Lambeth,		in a dependent position whilst intoxicated	
<b>Hooping Cough and Chicken Pox:—</b>		F. 85, simple continued fever. .... 21 days		See Return of St. Thomas' Hospital.	
F. 10 mon., hooping cough—chicken pox—		In Brixton, F. 18, fever—diarrhoea. .... 10 days		<b>Privation:—No deaths registered from this cause.</b>	
convulsions. .... *		In Camberwell, F. 33, typhus ..... about 3 weeks		<b>Want of Breast-milk:—</b>	
<b>Typhus, &amp;c.:—</b>		In Greenwich (East), M. 73, fever, diseased		F. 1 month, atrophy from want of breast-milk—	
In All Souls, St. Mary-le-bone, F. 60, typhus, 16 days		kidney and bladder ..... 3 months		no medical attendant. .... *	
In sub-district of White- { continued fever ... 9 days		In Wandsworth, F. 24, low fever ..... *		F. 5 weeks, atrophy from want of the breast—	
chapel Church, M. 2, { cerebral congestion		In St. Andrew (East), F. 5, struma—fever .. 1 month		the mother having died when three days	
and convulsions, 3 days		See Hospital Returns.		old—no medical attendant.	
In sub-district of St. Thomas, F. 2, fever .... 6 weeks		<b>Ague:—</b>		<b>Purpura:—</b>	
In sub-district { synocha ..... 14 days		F. 69, ague and decay of nature ..... *		M. 53, purpura ..... *	
of Woolwich { diarrhoea ..... 5 days		See Returns of Unité Hospital Ship.		<b>See Return of Charing Cross Hospital.</b>	
Arsenal, M. 84, { had typhus in January last. .... *		<b>Remittent Fever:—</b>		<b>Miscellaneous Causes:—</b>	
In St. John the { catarrh ..... 14 days		M. 4 months, remittent fever ..... *		M. 36, colica pictionum ..... 4 days	
Evangelist, West- { erysipelas of head and face		F. 2, remittent fever—convulsions ..... 9 days		(p.m.) { pleuro-pneumonia ..... 45 days	
minster, M. 42, { typhus ..... 7 days		F. 1, remittent fever ..... *		M. 10, { empyema—pericarditis ..... *	
In St. John the Evangelist, Westminster,		<b>Infantile Remittent Fever:—</b>		paracæstesis thoracis performed on the	
M. 6, fever ..... 3 days		M. 1, infantile remittent fever ..... *		25th day of illness—20 oz. of pus in	
In sub-district of Berwick-street, M. 4, fever with		M. 3 mon., { infantile fever ..... 10 days		pericardium. .... 2 years	
tonsillar enlargement (typhoid) encephalitis		M. 3 mon., { chronic abscesses ..... *		F. 77, { bronchocele ..... *	
In sub-district of Rectory, M. 66, typhus .... *		<b>Syphilis:—</b>		suppuration—effusion. .... *	
In sub-district of Rectory F. 50, typhus ..... *		<b>See Return of St. Bartholomew's Hospital.</b>		M. 81, { neuralgia cruris. .... 2 years	
In sub-district of Rectory F. 77, typhus and		<b>Hæmorrhage:—</b>		atrophia senilis, progressive. .... *	
dysentery ..... *		F. 31, ( <i>inquest</i> ) natural death—rupture of a		M. 47, idiopathic tetanus ..... 6 days	
In St. John, St. { bilious fever ..... 10 days		blood-vessel of the thorax ..... 45 minutes		M. 46, { autumeg liver. .... 6 months	
Mary-le-bone, F. 3, { convulsions. .... 3 days		<b>Malformation:—</b>		ascites ..... 1 month	
In sub-district of Gray's { fever ..... 8 weeks		M. 2 days, { premature birth (at 8th month). .... *		M. 49, { cirrhosis ..... years	
Inn-lane, F. 43, { chronic bronchitis. .... 6 years		F. 2 days, non-closure of foramen ovale. .... *		(p.m.) { enteritis with ulceration ..... 2 months	
In sub-district of Gray's Inn-lane, F. 4, fever		<b>Hernia:—</b>		amaurosis ..... *	
—debility ..... 3 months		F. 50, hernia ..... 6 days		M. 51, { mercuration ..... 17 years	
In Somers Town, F. 40, typhus ..... 17 days		<b>Diabetes:—</b>		atrophy ..... 2 weeks	
In Islington { fever ..... 12 hours		M. 47, { diabetes ..... 3 years		M. 63, orchitis terminating in gangrene. .... 2 weeks	
(East), F. 70, { spasms—delirium ..... *		abscess in the lungs. .... *		F. 53, ovarian dropsy ..... 3 years	
In St. Giles's { typhoid fever ..... 5 days					
(North), M. 39, { erysipelas ..... 3 days					

METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH,  
During the Week ending Saturday, 26th June, 1847.

Day.	Phase of the Moon	Mean height of the Barometer, (corrected from 12 Observations, and reduced to 32 degrees Fahrenheit.)	Readings of Thermometers										Difference between the Dew Point Temperature and Air Temperature			Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 25 years	WIND							Mean Amount of Cloud, 0-10	Rain in inches, read at 9 o'clock the next morning
			Dry			Dew Point	Highest in the sun, as shown by a self-register- ing Thermometer	Lowest on the grass, as shown by a self-register- ing Thermometer	In the Water of the Thames at Greenwich, by the self- registering Thermometer, read at 9 o'clock next morning		Mean of 12 Diff.	Greatest	Least	General Direction			Pressure in lbs. on the square foot			Amount of Horizontal Movement of the Air in each day					
			High- est from 12 Obs.	Low- est from 12 Obs.	Mean from 12 Obs.	Mean from 12 Rite			Highest	Lowest				A.M.	P.M.		Greatest	Least	Mean of 12 Obs.						
JUNE,		in.	o	o	o	o	o	o	o	o	o	o	o	o				lbs.	lbs.	lbs.	Miles				
SUN.	20	Apogee. First Quarter. To Equator.					77°0	47°0	63°5	60°2							W.S.W.	0°0	0°0	0°0	175	10°0	0°02		
MON.	21		29°670	62°5	53°2	58°6	53°4	76°0	44°0	63°8	60°2	5°2	8°5	1°2	— 1°2	S.S.W.	S.S.W.	3°5	0°0	0°9	190	8°3	0°03		
TUES.	22		29°563	63°4	49°4	56°9	48°1	84°2	34°5	64°0	60°5	8°8	15°7	0°6	— 2°8	S.W.	S.S.W.	1°0	0°0	0°0	175	5°8	0°03		
WED.	23		29°518	63°3	46°0	54°6	48°4	81°2	45°0	64°0	60°2	6°2	15°5	0°2	— 5°6	S.S.W.	S.S.W.	1°0	0°0	0°0	190	6°6	0°11		
THU.	24		29°481	65°0	50°7	57°4	50°1	81°2	47°0	64°0	60°2	7°3	15°1	1°6	— 3°1	S.S.W.	S.S.W.	3°5	0°0	0°6	240	8°4	0°01		
FRI.	25		29°574	67°5	53°0	58°9	53°0	82°4	42°0	64°0	60°8	5°9	13°9	2°2	— 2°4	S.S.W.	S.W.	3°3	0°0	0°6	200	9°3	0°05		
SAT.	26		29°913	69°8	50°7	60°2	51°0	92°0	42°0	64°0	60°8	9°2	17°9	1°2	— 1°2	W.S.W.	W.S.W.	0°1	0°0	0°0	100	7°2	0°00		
MEANS			29°620	65°3	50°5	57°8	50°7	82°0	43°1	63°9	60°4	7°1	14°4	1°2	— 2°7	†						Sum 1270	7°9	Sum 0°25	

DAY	ELECTRICITY	Circumstances accompanying the exhibition of Electricity	GENERAL REMARKS
SUN.	Nothing was shewn at any examination throughout the day.		Overcast till 9h. a.m. The amount of cloud was very variable during the remainder of the day. Rain was falling at about 11h. a.m., and 4h. p.m.
MON.	Positive and tension weak at 1h. a.m. Nothing was shewn at any other time.		The sky was mostly covered with cirrostratus and scud throughout the day.
TUES.	Nothing was shewn till noon. Positive and tension weak from this time till 10h. p.m.		Cirrostratus, cumuli, and scud generally covered the greater part of the sky till 8h. p.m. Cloudless during the remainder of the day. Rain was falling at about 1h. a.m. and 2h. p.m.
WED.	Nothing was shewn till 11h. a.m. Negative and very active from 11h. a.m. till 5h. 30m. p.m. Sparks were abundant, and several galvanic currents were shewn. Positive with variable tension during the remainder of the day.	} Rain falling at intervals.	The greater part of the sky was clear till 8h. a.m. Mostly overcast during the remainder of the day. Slight rain was falling at about noon, and at 3h. p.m. At about 11h. p.m. a perfect lunar halo was visible, and at 11h. 30m. p.m. two well formed paraselenæ were seen, each at the distance of 23° from the moon.
THURS.	Positive and tension strong throughout the day, except at about 11h. 20m. a.m., when it was negative and very active. Sparks were frequent, and several galvanic currents were shewn.		Generally overcast throughout the day. There were occasionally extensive breaks during the afternoon.
FRID.	Positive and weak till 3h. a.m. Positive and tension moderate from 2h. p.m. till midnight.		Generally overcast throughout the day. Slight rain was falling occasionally throughout the day.
SAT.	Positive and tension generally strong throughout the day.		The sky was about two-thirds covered with cirrostratus, fleecy clouds, and scud throughout the day.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The amount of clouds is estimated by considering a clear sky to be represented by 0, a cloudy sky by 10; and when partially cloudy by estimating the number of tenths of the whole sky covered with cloud. The observations are taken every two hours, day and night.

The readings of the two self-registering thermometers, the one placed in the full rays of the sun, and the other placed on grass fully exposed to the sky, are taken every morning at 9 A.M., and therefore exhibit the highest and lowest readings respectively, that have occurred in the previous 24 hours. They are, however, placed here opposite to the civil day which precedes that on which the thermometers are read.

Whewell's anemometer (from the indications of which the estimation of horizontal movement is made) is read at 10 A.M., and the result given is for the 24 hours preceding. It is placed here opposite to the civil day, which precedes that on which the anemometer is read.

The average temperature for 25 years is furnished by Mr. Henry, Assistant at the Royal Observatory, from the observations made at his residence in the neighbourhood of Greenwich Park.

\* In reading the 16th column, it will be borne in mind that + is read "higher," and — "lower," than the average.

The temperature of the water of the Thames is ascertained by the use of a self-registering thermometer, suspended from the side of the Dreadnought Hospital Ship, at the depth of about 2 feet below the surface. The readings of this instrument are registered under the superintendence of Lieutenant Sanders, R.N., Superintendent of the Dreadnought. The mean reading of a thermometer placed on the mainmast, and read each day at 6h. 30m. A.M., was 55°4; and the mean reading at 7h. 30m. P.M., was 60°5; the mean readings at the Royal Observatory for the same times were 54°8 and 58°8 respectively.

† The mean direction of the wind for the week is S.S.W.

# Births and Deaths registered in London,

During the Week ending Saturday, July 3d, 1847.

ANNUAL SERIES VIII.]

PUBLISHED BY AUTHORITY OF THE REGISTRAR GENERAL.

[No. 27.]

Causes of Death	Age			Total	Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population	5 Summers	Causes of Death.	Age			Total	Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population	5 Summers
	0 to 15	15 to 60	60 and upwards					0 to 15	15 to 60	60 and upwards			
ALL CAUSES.....	375	370	186	*933	940		IV.—Laryngitis .....	1	1	..	2	1	
SPECIFIED CAUSES .....	374	370	185	*931	935		Quinsey .....	..	..	..	..	2	
I.—Zymotic Diseases .....	126	47	17	190	226		Bronchitis .....	8	7	17	32	12	
SPORADIC DISEASES—							Pleurisy .....	..	1	..	1	2	
II.—Dropsy, Cancer, and other Diseases of uncertain or variable Seat .....	62	32	31	125	103		Pneumonia .....	21	11	4	36	46	
III.—Diseases of the Brain, Spinal Marrow, Nerves and Senses .....	57	39	19	115	157		Hydrothorax .....	1	1	1	3	3	
IV.—Diseases of the Lungs, and of the other Organs of Respiration .....	56	149	34	239	226		Asthma .....	..	4	3	7	8	
V.—Diseases of the Heart and Blood-vessels .....	3	16	15	34	25		Phthisis (or Consump- tion) .....	25	11	7	5	147	142
VI.—Diseases of the Stomach, Liver, and other Organs of Digestion .....	46	29	11	86	94		Disease of Lungs, &c. ....	..	7	4	11	11	
VII.—Diseases of the Kidneys, &c. ....	..	6	3	9	8		V.—Pericarditis.....	..	1	..	1	1	
VIII.—Childbirth, Diseases of the Uterus, &c. ....	..	7	..	7	10		Aneurism .....	..	3	..	3	.8	
IX.—Rheumatism, Diseases of the Bones, Joints, &c. ....	1	2	..	3	7		Disease of Heart, &c. ....	3	12	15	30	23	
X.—Diseases of the Skin, Cellular Tissue, &c. ....	3	1	4	8	2		VI.—Teething.....	11	..	..	11	19	
XI.—Old Age .....	..	..	42	42	50		Gastritis .....	2	..	..	2	2	
XII.—Violence, Privation, Cold and Intemperance .....	20	42	9	*73	28		Enteritis .....	7	3	..	10	24	
I.—Small Pox .....	24	4	..	28	14		Peritonitis .....	1	1	..	2	2	
Measles .....	26	..	..	26	28		Tabes Mesenterica.....	17	..	..	17	15	
Scarlatina .....	15	1	..	16	39		Worms .....	..	..	..	..	.6	
Hooping Cough .....	23	..	..	4	6		Ascites .....	..	1	..	1	2	
Croup .....	4	..	..	1	9		Ulceration (of Intestines, &c.) .....	..	3	1	4	3	
Thrush .....	1	..	..	1	55		Hernia .....	..	1	2	3	2	
Diarrhoea.....	11	2	4	17	6		Colic or Ileus .....	..	1	..	1	3	
Dysentery .....	..	..	..	..	7		Intussusception .....	1	1	..	..	3	
Cholera .....	..	..	..	..	7		Stricture (of the Intestinal Canal) .....	..	..	..	..	.6	
Influenza .....	..	1	..	1	.8		Hæmatemesia, &c. ....	5	3	1	9	7	
Ague .....	..	..	..	..	.3		Disease of Pancreas .....	..	..	..	..	..	
Remittent Fever.....	1	..	..	1	.7		Hepatitis .....	1	4	1	6	3	
Typhus .....	18	36	7	61	30		Jaundice .....	1	2	..	3	3	
Erysipelas .....	2	3	6	11	5		Disease of Liver, &c. ....	..	9	5	14	10	
Syphilis .....	1	..	..	1	1		Disease of Spleen.....	..	..	..	..	.2	
Hydrophobia .....	..	..	..	..	..		VII.—Nephritis.....	..	..	..	..	.4	
II.—Hæmorrhage .....	1	1	1	3	3		Ischuria .....	..	..	..	..	..	
Dropsy .....	1	5	5	9	23		Diabetes .....	..	..	..	..	.6	
Abscess .....	..	1	..	1	2		Cystitis .....	..	1	..	1	.3	
Noma .....	..	..	..	..	.2		Stone .....	..	..	..	..	.6	
Mortification .....	2	1	2	5	3		Stricture (of the Urethra) ..	..	..	..	..	1	
Purpura .....	..	1	1	2	.6		Disease of Kidneys, &c. ..	..	5	3	8	5	
Scrofula .....	4	1	..	5	4		VIII.—Childbirth .....	..	4	..	4	6	
Cancer .....	1	14	8	23	12		Paramenia .....	..	..	..	..	.3	
Tumour .....	..	1	..	1	.9		Ovarian Dropsy .....	..	..	..	..	.5	
Gout .....	..	..	2	2	.9		Disease of Uterus, &c. ....	..	3	..	3	3	
Atrophy .....	26	1	1	28	20		IX.—Arthritis.....	..	..	..	..	..	
Debility .....	14	1	..	15	22		Rheumatism .....	..	2	..	2	3	
Malformations .....	1	..	..	1	2		Disease of Joints, &c. ....	1	..	..	1	4	
Sudden Deaths (including Coroners' Inquests, in which it is not shewn from what diseases or causes the persons died.)	12	7	11	30	9		X.—Carbuncle .....	..	..	1	1	.1	
III.—Cephalitis .....	2	5	..	7	13		Phlegmon .....	1	..	..	1	.2	
Hydrocephalus .....	18	..	..	18	37		Ulcer .....	1	..	2	3	.4	
Apoplexy .....	..	13	11	24	18		Fistula .....	..	..	1	1	.3	
Paralysis .....	2	7	5	14	15		Disease of Skin, &c. ....	1	1	..	2	.6	
Convulsions.....	32	..	..	32	54		XI.—Old Age .....	..	..	42	42	50	
Tetanus .....	..	..	..	..	.4		XII.—Intemperance .....	..	3	..	3	1	
Chorea .....	..	..	..	..	.1		Privation .....	1	..	1	2	.4	
Epilepsy .....	1	6	..	7	5		Violent Deaths .....	19	39	8	*68	27	
Insanity .....	..	1	2	3	1		Causes not Specified.....	1	..	1	2	5	
Delirium Tremens.....	..	3	..	3	3								
Disease of Brain, &c. ....	2	4	1	7	10								

Weekly Average derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population	Males .....	479	Deaths registered in the Week	Males .....	484	Births registered in the Week	Males .....	643
	Females .....	461		Females .....	449		Females .....	634
	Total .....	940		Total .....	933		Total .....	1277

\* The ages of 2 persons, whose deaths are ascribed to violence, are not stated.  
† A man died in the Tottenham sub-district of St. Pancras, whose age is reported to be 101 years; and a woman in St. Margaret, Westminster, at the age of 100 years. In the former case, the cause of death was "general decay of nature;" in the latter "old age—apoplexy (a few days)."  
NOTE.—The number of deaths in the present return is increased in some degree by an accumulation of Coroners' cases, many of which, though they occurred some time previously, were not placed on the Registers till the end of the quarter. They fall, for the most part, under violent and sudden deaths; and as 36 represents the united average under these heads, the difference (namely 62) between this and the actual number returned as above, will nearly show the excess arising from this cause.

DISTRICTS OF LONDON, Comprising 135 Registrars' Districts.		Area in square Miles	Population Enume- rated in 1841	Weekly Average derived from Deaths of 1842-6, and corrected for Increase of Population	DEATHS registered in the Week	BIRTHS registered in the Week
				5 Summers		
WEST DISTRICTS	{ Kensington; Chelsea; St. George, Hanover-square; Westminster; St. Martin } in the Fields; St. James	17.2	301,326	137	123	196
NORTH DISTRICTS	{ St. Marylebone; St. Pancras; Islington; Hackney; part of Edmonton, viz. Hampstead }	20.5	376,396	175	192	239
CENTRAL DISTRICTS	{ St. Giles and St. George; Strand; Holborn; Clerkenwell; St. Luke; East } London; West London; City of London	2.8	374,759	173	153	206
EAST DISTRICTS	{ Shoreditch; Bethnal Green; Whitechapel; St. George in the East; Stepney; } Poplar	8.8	393,247	212	213	285
SOUTH DISTRICTS	{ St. Saviour; St. Olave; Bermondsey; St. George, Southwark; Newington; Lambeth; } Wandsworth and Clapham; Camberwell; Rotherhithe; Greenwich; Lewisham	66.2	502,483	244	253	351
TOTALS		115.5	1,948,211	940	933	1277

Births and Deaths not caused by Violence, registered in the Metropolis in the last 13 weeks, with the Mean Temperature for the same periods.

	10th April	17th April	24th April	1st May	8th May	15th May	22nd May	29th May	5th June	12th June	19th June	26th June	3rd July
BIRTHS	1489	1338	1417	1276	1259	1327	1267	1273	1325	1177	1178	1355	1277
DEATHS (except from Violence)	1028	959	964	969	973	949	882	933	757	820	915	893	865
Deaths (except from Violence) at 60 yrs. & upwards	247	251	246	237	227	226	203	198	143	180	187	182	178
Bronchitis	81	68	70	62	66	59	38	47	30	43	40	33	32
Typhus	43	29	41	40	34	52	54	52	51	44	52	58	61
Purpura	0	1	5	1	2	1	2	3	3	0	3	2	2
Mean Temperature	47.9	42.6	45.5	48.1	49.1	56.1	58.4	63.4	62.3	54.4	56.0	57.8	61.3

## EXTRACTS FROM THE METROPOLITAN RETURNS OF THE PREVIOUS WEEK, No. 26.

(The tabular abstract on the first page is for the week ending Saturday, July 3d. The following selection of cases is made from the returns for the week ending June 26th.)

NOTE.—M. or F. at the beginning of an entry indicates sex; the numerals which follow, mark the age at death, in years, except when otherwise stated. The italics at the end of an entry shew the duration of illness; and when the place is supplied by an asterisk (\*), the Coroner, Medical Practitioner, or other Informant, has not been able to ascertain, or has omitted to state the time in which the person has been subject to the disease or injury which has proved fatal. In making the return, it should invariably be stated that duration of illness could not be ascertained, when this is the case.

### RETURNS OF VIOLENT DEATHS, MADE CHIEFLY BY CORONER.

NOTE.—The cases of violence not returned by the Coroner, have the words "no inquest."

Fractures and Contusions:—	duration	Drowning:—	duration	Burns and Scalds:—	duration
Daughter of a cooper, 2, inflammation of the Son of an engineer, inflammation caused by a fall of an iron wheel upon him accidentally, in Christy and Adams' iron works, at Rother- hithe.	16 days	Pensioner of dragoons, 54, suicide by drowning in a water-butt—state of mind unknown. F. 15, found dead without marks to account for death—apparently drowned. Son of a labourer, 12, accidentally drowned by falling into the water from barges, a swell having been caused by steamboats. Mate of the brig "Emulous," of Hartleypool, 25, drowned by falling accidentally from the bows of the vessel into the River Thames (under water 16 hours). Cabin boy of the "Mary Ann," of Goole, 17, drowned—no marks of violence—no proof how he came into the Thames (under water 6 days). Seaman about 19, apparently from drowning. * Lighterman, 20, drowning. * Coal porter, about 38, accidentally drowned from having fallen from a coal barge (under water 20 minutes). Suffocation:— F. a few minutes, suffocation by being put into a bag, with a cloth over her face, and then dropped in the public street—wilful murder against some person or persons unknown. Daughter of a labourer, 8 wks., suffocated accidentally against her mother's breast.	2 hours	M. 4, accidental burn—clothes caught fire from a lucifer match. F. 74, burns from a candle falling beside the bed at night, and setting fire to the bed clothes. Widow of a pawnbroker, 52, burns from her clothes taking fire at a grate without a guard, while falling in a fit. Daughter of an optician, 5, burns from playing with lucifer matches, in absence of the aunt at market. M. 2, wounds caused by an accidental scald. Poison:— Gentleman, 74, poisoned himself with prussic acid, in a state of temporary insanity. * Clerk and shopman, 44 (post mort.), swallow- ing laudanum—no evidence of the state of his mind. M. 45, natural death—debility upon pulmonary affection, assisted by injudiciously taking an ounce of salts, mixed in cold water. Neglect:— M. newly born (post mort.), wilful murder by neglect at birth—persons unknown. * Sub-district of St. Clement Danes—not reported till too late for enumeration in abstract of former week.	23 hours
Wife of a labouring man, 42 (post mort.), a mortal blow on the head—but how caused no evidence. Labourer, 35, injuries of the chest—crushed by a frame-work blown down by the wind, while being moved in a work-yard. M. 46, bodily injuries, by falling out of a cart accidentally. M. 33, { paralysis from injury to the head (no inquest), { cerebritis M. 57 (no inquest), fractured ribs—delirium tremens. In St. George's Hospital { fractured ribs M. 40 (no inquest), { pneumonia	1 1/2 hour 4 days 3 years 5 days 3 days 9 days				
Wounds:— Son of a carman, 4, suffocation from inflamma- tion caused by a wound in the roof of the mouth, from a piece of stick being suddenly knocked into the mouth.	1 week				

### THIRTEEN HOSPITALS.—CAUSES OF DEATHS (NOT VIOLENT) AS RETURNED BY THE MEDICAL OFFICERS.

NOTE.—Deaths in hospitals from fractures, wounds, burns, scalds, poison, are not contained in this list. See deaths by violence.

St. George's H.:	duration	University College H. (continued):	duration	Fever H.:	duration
M. 29, { chronic pleurisy (post mort.) { military tubercles in the lungs.	2 months	M. 39, { phthisis { hæmoptysis.	8 weeks	M. 60, { fever { in hospital 6 days—from St. Pancras.	36 days
M. 59, disease of the stomach	*	M. 15, continued fever	38 days	M. 65, { pleuro-pneumonia (post mort.) { from St. Martin-in-the-fields—in hospital 1 day.	*
M. 46, { fungus hematodes of testis (post mort.) { encephaloid deposit in lung— tumour in lumbar region—peri- tonitis.	6 months 9 days	M. 57 (post mort.), tumour of posterior lobe of left cerebrum	*	M. 26, { dysentery (post mort.) { delirium tremens ulceration of colon valvular disease of heart.	* * old standing
F. 2 (post mort.), bronchitis and old pneumonia	*	M. 18, { scarlatina maligna (post mort.) { sloughing of tonsils, velum, and pharynx.	10 days 4 days	M. 27, { fever { in hospital 4 days—from Holborn.	10 days
F. 28, phthisis pulmonalis	*	pneumonia	3 days	F. 30, { fever { in hospital 6 hours—from West London Union.	*
See Violent Deaths.		F. 51, { strangulated hernia { operation	8 days	F. 20, { fever (post mort.) { pneumonia—blood fluid. from Holborn—recently from Ire- land—in hospital 12 days.	*
Westminster H.:—No deaths registered.		F. 24, primary deep-seated abscess among the muscles of the neck—minute secondary abscesses (few in number) of the lungs	13 days	F. 44, { fever (post mort.) { pleuro-pneumonia. from St. Martin-in-the-fields—in hospital 2 days.	5 weeks
Charing Cross H.:—		M. 35, { phthisis (post mort.) { pneumonia gangrene of lungs	3 months 16 days 8 days	F. (age not stated), { pneumonia and pleurisy. (post mort.) { from Kentish Town—in hospital 9 days.	12 days
Middlesex H.:—		F. 31, { compound cystoid ovarian dropsy (post mort.) { prolapsus uteri—ascites no recent peritonitis.	*		
M. 11, acute meningitis	14 days	F. 36, { Bright's disease of the kidneys— (post mort.) { enlarged liver—ascites—anasarca	3 months		
F. 40, paraplegia—ramollissement	8 months				
F. 24, cancer uteri	*				
University College H.:—					
M. 34, { albuminuria { fatty degeneration of kidneys. phthisis ascites	long standing 6 months				

# THIRTEEN HOSPITALS.—CAUSES OF DEATH (NOT VIOLENT) AS RETURNED BY THE MEDICAL OFFICERS (continued):—

<i>Small Pox H.</i> —No deaths registered.	duration	<i>London H.</i> —	duration	<i>Guy's H.</i> —	duration
<i>King's College H.</i> —No deaths registered.		M. 50, consumption .....	1 year	M. 27, morbus Brightii .....	
<i>St. Bartholomew's H.</i> —		M. 60, general decay—diseased lungs .....	2 years	M. about 60, phthisis .....	
43, peritonitis, after tapping for ascites. ....	*	M. 39, retention of urine .....	*	M. 43, disease uncertain (post mortem examination not allowed).	
24, phthisis .....	*	M. 18, consumption .....	5 months	F. 28, phthisis .....	*
16, St. Vitus's dance .....	*	<i>St. Thomas' H.</i> —		F. 38, pneumonia .....	*
19 (post mort.), malignant disease of the .....	*	F. 25, destitution; and premature removal after .....	*	F. 12, phthisis .....	*
uterus, ovaries, and peritoneum .....	*	confinement .....	*	F. 25, { tumour .....	*
31, erysipelas of the head and face .....	*	M. 27, delirium tremens .....	*	operation .....	*
25, ulcerated rectum, with excrescences on .....	*	M. 58, pneumonia .....	9 days	erysipelas .....	*
the anus—fever .....	*	M. 23, ascites—anasarca—pneumonia (right .....	*		
33, dropsy, with albuminous urine .....	*	lung) .....	*		

*Dreadnought H.*—No deaths registered.

## DEATHS BY SMALL POX, TYPHUS, ETC., SYPHILIS, HÆMORRHAGE MALFORMATION, HERNIA, DIABETES, STONE, CHILDBIRTH, DELIRIUM TREMENS, INTEMPERANCE, PRIVATION, PURPURA, ETC.

<i>Small Pox:</i> —	duration	<i>Typhus, &amp;c. (continued):</i> —	duration	<i>Malformation.</i> —	duration
1, { variola .....	*	<i>EAST LONDON; St. Botolph.</i>		F. 12 days, cyanosis .....	
3, { dysentery (probably from want) .....	*	M. 23, low putrid fever .....	7 weeks	M. 10 wks., cleft palate and hare-lip—atrophy, from birth .....	
<i>NOTE.</i> —It should be stated in all cases whether vaccination had been performed with effect.		F. 1, { fever .....	14 days	<i>Hernia:</i> —	
		thrush .....	10 days	M. 60 (inquest), natural—died from neglected .....	
		Cripplegate.		hernia when on his way for relief .....	*
2, { small pox, natural (without previous .....	16 days	F. 35, synochus .....	17 days	M. 79, hernia .....	8 days
2, { vaccination .....	12 hours	<i>WEST LONDON; North.</i>		F. 85, { rupture .....	many years
2, small pox .....	about 12 days	F. 8, { fever .....	5 days	peritonitis .....	1 day
1, variola .....	11 days	gastritis .....	1 day	F. 65, strangulated femoral hernia .....	6 days
1, 5 mon. (variola not vaccinated) .....	14 days	<i>SHORBDITCH, St. Leonards.</i>		F. 57, { umbilical hernia .....	22 years
1, 3, variola, confluent (not vaccinated) .....	21 days	F. 59, typhus .....	7 days	operation .....	3 days
1, { small pox .....	*	<i>BETHNAL GREEN; The Green.</i>		<i>See Return of University College Hospital.</i>	
1, 1, { vaccination attempted 5 weeks before .....	*	F. 30, typhus .....	6 weeks	<i>Diabetes:</i> —	
without success .....	*	<i>The Church.</i>		F. 39, diabetes .....	6 months
4 mon., { small pox .....	16 days	M. 26, typhus malignant .....	2 weeks	<i>Stone:</i> —No deaths registered from this cause.	
1, { first attack, not vaccinated .....	*	<i>WHITECHAPEL; North.</i>		<i>Childbirth:</i> —The time elapsing from commencement .....	
1, 1 mon., small pox (not vaccinated) .....	*	M. 71, synochus and infirmities of age .....	*	of labour to death should invariably be returned.	
1, { small pox (not vaccinated) .....	9 days	M. 54, typhus .....	*	F. 18, { childbirth .....	19 days
2, { pneumonia .....	12 days	F. 48, synochus—pericarditis .....	*	peritonitis .....	6 days
1, 1, small pox (first attack—not vaccinated) .....	3 days	F. 33, synochus—dysentery .....	*	F. 36, { childbirth .....	8 weeks
2, small pox (not vaccinated) .....	1 week	F. 49, typhus .....	*	peritonitis .....	3 days
1, 2, small pox (not vaccinated) .....	14 days	<i>Church.</i>		F. 26, { childbirth .....	9 days
1, 26, { vaccinated in infancy—imperfect cicatrises .....	2 days	F. 7, brain fever .....	*	puerperal fever .....	1 day
1, 1, small pox (not vaccinated) .....	*	<i>Goodman's Fields.</i>		F. 27, convulsions during and after labour .....	16 days
1, 1, small pox (natural) .....	9 days	M. 65, debility after convalescence from fever .....	*	F. 22, { acute rheumatism .....	7 days
1, 3 weeks, small pox (not vaccinated) .....	11 days	<i>St. GEORGE in the East; St. John.</i>		F. 29, abortus—syncope .....	1 week
1, 5, small pox (not vaccinated) .....	*	M. 28, effusion on the chest, consequent on .....	*	F. 25, childbirth .....	*
1, 1, variola .....	*	fever .....	*	<i>Delirium Tremens:</i> —	
1, 7, confluent small pox (not vaccinated) .....	15 days	<i>STEPNEY; Ratcliffe.</i>		M. 44, delirium tremens .....	10 days
1, 10 weeks, small pox (not vaccinated— .....	3 days	F. 22 (inquest), natural death—sudden from .....	*	F. 28, delirium tremens .....	*
no medical attendant) .....	11 days	convulsions after fever .....	*	<i>See Return of St. Thomas' Hospital.</i>	
1, 8, { small pox .....	11 days	<i>Mile End, Old Town, Lower.</i>		<i>Intemperance:</i> —	
1, 5, small pox, confluent (not vaccinated) .....	10 days	F. 62, fever .....	10 days	Foreman at a { intemperance .....	*
1, 3, confluent small pox (not vaccinated) .....	10 days	<i>St. SAVIOUR; St. SAVIOUR.</i>		livery-yard, 38, { delirium tremens .....	4 days
1, 1, small pox (not vaccinated—no medical .....	13 days	F. 4, { typhus .....	13 days	F. 42 (post mort.), disease of liver and dropsy, .....	*
attendant) .....	11 days	pneumonia .....	10 days	induced by the use of alcoholic drinks .....	*
1, 2, small pox (not vaccinated) .....	11 days	<i>Christchurch.</i>		<i>Privation:</i> —	
<i>NOTE.</i> —The last six cases of small pox occurred in .....		M. 36, typhus .....	11 days	In sub-district of Berwick-street, St. James, .....	
the sub-district of St. Peter, Walworth.		<i>St. MARY MAGDALEN, Bermondsey; Leather Market.</i>		Westminster, F. 15 (inquest, p.m.), epi- .....	
<i>Typhus, &amp;c.:</i> —		M. 10 { erythematous fever .....	3 weeks	lepsy, accelerated by low diet from poverty .....	about 3 hours
<i>WHITMINSTER, St. Margaret.</i>		hydrocephalus .....	2 weeks	In sub-district of Rectory, St. Marylebone, .....	
1, 69, fever .....	2 weeks	diffuse abscess .....	1 week	F. 4 (inquest), starvation and want of all the .....	
1, 55, typhus .....	10 days	anasarca .....	about 15 days	common necessities of life—manslaughter .....	*
1, 9, fever .....	2 weeks	<i>St. Mary Magdalen.</i>		against Mary Ann Allen, her mother .....	*
1, 65, fever .....	*	M. 54, fever; brain affection .....	*	In sub-district of Gray's Inn Lane, sailor, 41 .....	
<i>St. John.</i>		M. 20, fever; brain affection .....	*	(inquest), sudden syncope from alarm at .....	
L. 76, { gastric fever .....	3 months	M. 3, typhus .....	*	night, by an admission into a hospital ward, .....	
debulity .....	6 weeks	<i>St. GEORGE, Southwark; Kent-road.</i>		while he was in a fever from destitution .....	*
<i>St. MARTIN in the Fields, Charing Cross.</i>		F. 70, fever .....	*	In Ratcliffe, F. 46 (inquest), natural death, which .....	
L. 2, typhus .....	2 weeks	F. 50, fever—pneumonia—bronchitis .....	*	may have been accelerated by exposure to .....	*
<i>St. MARYLEBONE; Rectory.</i>		<i>St. MARY, Newington; St. Peter, Walworth.</i>		<i>See Return of St. Thomas' Hospital, see also Case of .....</i>	
L. 4, fever .....	*	F. 65, fever .....	7 days	<i>Small Pox.</i>	
<i>Christchurch.</i>		<i>Trinity.</i>		<i>Want of Breast-milk:</i> —	
L. 11, typhus .....	6 days	M. 19, typhus .....	*	F. 5 wks., atrophy from want of breastmilk .....	*
<i>St. PANCRAS; Grays Inn-lane.</i>		<i>LAMBETH; Lambeth Church (1st part).</i>		F. 8 wks., inanition from want of breastmilk .....	3 weeks
L. 4, typhus—meningitis .....	*	F. 1, febris .....	*	<i>Purpura:</i> —	
<i>Somers Town.</i>		<i>GREENWICH; East.</i>		M. 48, purpura .....	*
L. 10, typhus .....	20 days	M. 18, fever .....	20 days	M. 10, internal hæmorrhage—purpura .....	*
<i>Camden Town.</i>		<i>WANDSWORTH; Battersea.</i>		<i>Hæmatemesia:</i> —	
L. 43, fever .....	*	M. 38, { fever .....	7 weeks	M. 51, hæmatemesia .....	5 days
L. 3, fever .....	*	paralysis—diarrhoea .....	*	F. 23, hæmatemesia .....	3 days
<i>ISLINGTON; East.</i>		<i>Catarrhal Fever:</i> —		F. 1, dentition—melena .....	*
L. 62, { rheumatic fever .....	6 days	In Hoxton, { catarrhal fever .....	7 days	<i>Disease of Liver and Melena:</i> —	
typhus .....	*	Old Town, { affection of brain, analogous to .....	4 days	F. 69, { diseased liver .....	— years
<i>HACKNEY; West.</i>		M. 47, { delirium tremens .....	4 days	melena .....	2 months
L. 51, typhoid fever .....	2 days	<i>Infantile Remittent Fever:</i> —		<i>Miscellaneous Causes:</i> —	
<i>STRAND; St. Clement Danes.</i>		M. 5, infantile remittent fever .....	5 months	F. 30, { tumor ovarii .....	14 year
F. 3, fever .....	12 days	<i>Syphilis:</i> —		suppuration within the ovarian cyst .....	1 week
<i>HOLBORN; St. Andrew, East.</i>		F. 1, syphilis .....	congenital	(p.m.) .....	3 days
L. 59, fever .....	*	F. 7 days, pemphigus syphilitic—born with .....	*	F. 48, ovarian dropsy .....	*
L. 64, fever .....	*	eruption .....	*	F. 47, scirrhus—excision of tumour on the .....	*
L. 9, typhus .....	14 days	F. 26, fever, and secondary venereal disease .....	*	breast, followed on third day by peritoneal .....	*
<i>Saffron-hill.</i>		F. 7 mon., syphilis .....	*	inflammation .....	*
L. 1, fever .....	*	F. 27, { fever .....	3 days	{ disease of chest following the amputa- .....	*
<i>St. LUKE, Old-street.</i>		syphilis .....	a long time	tion of a mamma .....	1 year
L. 18, typhus .....	10 days	<i>Hæmorrhage:</i> —		F. 55, noli me tangere .....	2 years
<i>City-road.</i>		F. 31 (post mort.), hæmorrhage through fal- .....	30 hours	F. 14 (p.m.), adhesion of dura mater to skull .....	*
L. 7, typhus .....	5 days	lopian tube into the cavity of abdomen .....	30 hours	—deposit of bone in dura mater—conges- .....	*
				tion and softening of brain .....	*
				F. 47, menorrhagia .....	*

\* Not returned till too late for insertion in the enumeration of the previous week.

ANALYSIS OF CASES IN WHICH INQUESTS WERE HELD.—Violence, 29; apoplexy, 4; disease of the heart, 3; privation, 4; other specified causes, 13; "natural death," "visitation of God," "found dead," &c. 11.—TOTAL, 63 cases.

THE NUMBER OF CASES in which it is recorded that a POST MORTEM EXAMINATION was made, is 38.

METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH,  
During the Week ending Saturday, 3d July, 1847.

Day.	Phases of the Moon	Mean height of the Barometer, from 12 Observations, (corrected and reduced to 32 degrees Fahrenheit.)	Readings of Thermometers										Difference between the Dew Point Temperature and Air Temperature			Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 25 years	WIND						Mean Amount of Cloud, 0-10 Rain in inches, read at 9 o'clock the next morning																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
			Dry.			Dew Point Mean from 12 Obs.	In the sun, as shown by a self-register- ing Thermometer	Lowest on the grass, as shown by a self-register- ing Thermometer	In the Water of the Thames at Greenwich, by the self- registering Thermometer, read at 9 o'clock next morning		Mean of 12 Diff.	Greatest	Least	General Direction			Pressure in lbs. on the square foot			Amount of Horizontal Movement of the Air in each day																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
			High- est from 12 Obs.	Low- est from 12 Obs.	Mean from 12 Obs.				Highest	Lowest				A.M.	P.M.		Greatest	Least	Mean of 12 Obs.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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DAY	ELECTRICITY	Circumstances accompanying the exhibition of Electricity	GENERAL REMARKS
SUN.	Nothing was shewn at 9h. a.m. At other examinations it was positive with moderate tension.		The sky was principally overcast until 9h. p.m., when the clouds became broken, and con- tinued so during the remainder of the day.
MON.	At several examinations nothing was shewn. At other times it was positive but weak.		Generally overcast till 3h. p.m.. Cirrocumuli, fleecy clouds, and scud covered about two-thirds of the sky during the afternoon and evening.
TUES.	Nothing was shewn till 7h. a.m. From this time till 3h. p.m. it was positive, but weak. Nothing was shewn during the remainder of the day.		The sky was generally overcast throughout the day.
WED.	Nothing was shewn till 9h. a.m. Positive but tension weak during the remainder of the day.		Overcast till 3h. a.m.; about one-fifth of the sky was covered with cirrostratus, fleecy clouds, and scud from this time till 3h. p.m. Overcast during the remainder of the day. Fine rain was falling at about 3h. a.m.
THURS.	Positive and weak between noon and 6h. p.m. Nothing was shewn at any other times.		The sky was overcast till 2h. p.m., when it became cloudless, and continued so till 3h. p.m. Overcast afterwards till midnight.
FRID.	Nothing was shewn throughout the day, except at about 5h. 30m. p.m., when it was positive, but weak.		Generally overcast throughout the day.
SAT.	Positive and tension moderate from 1h. till 3h. p.m. Nothing was shewn at any other times.		Overcast till noon. From this time till 10h. p.m. the sky was generally clear, but it became overcast before midnight.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The amount of clouds is estimated by considering a clear sky to be represented by 0, a cloudy sky by 10; and when partially cloudy by estimating the number of tenths of the whole sky covered with cloud. The observations are taken every two hours, day and night.

The readings of the two self-registering thermometers, the one placed in the full rays of the sun, and the other placed on grass fully exposed to the sky, are taken every morning at 9 A.M., and therefore exhibit the highest and lowest readings respectively, that have occurred in the previous 24 hours. They are, however, placed here opposite to the civil day which precedes that on which the thermometers are read.

Whewell's anemometer (from the indications of which the estimation of horizontal movement is made) is read at 10 A.M., and the result given is for the 24 hours preceding. It is placed here opposite to the civil day, which precedes that on which the anemometer is read.

The average temperature for 25 years is furnished by Mr. Henry, Assistant at the Royal Observatory, from the observations made at his residence in the neighbourhood of Greenwich Park.

\* In reading the 16th column, it will be borne in mind that + is read "higher," and — "lower," than the average.

The temperature of the water of the Thames is ascertained by the use of a self-registering thermometer, suspended from the side of the Dreadnought Hospital Ship, at the depth of about 2 feet below the surface. The readings of this instrument are registered under the superintendence of Lieutenant Sanders, R.N., Superintendent of the Dreadnought. The mean reading of a thermometer placed on the mainmast, and read each day at 6h. 30m. A.M., was 57°1; and the mean reading at 7h. 30m. P.M., was 62°1; the mean readings at the Royal Observatory for the same times were 56°9 and 61°8 respectively.

† The mean direction of the wind for the week is N. by E.

# Births and Deaths registered in London,

During the Week ending Saturday, July 10th, 1847.

ANNUAL SERIES VIII.]

PUBLISHED BY AUTHORITY OF THE REGISTRAR GENERAL.

[No. 28.]

Causes of Death	Age			Total	Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population	5 Summers	Causes of Death.	Age			Total	Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population	5 Summers
	0 to 15	15 to 60	60 and upwards					0 to 15	15 to 60	60 and upwards			
ALL CAUSES.....	422	281	178	*882	940		IV.—Laryngitis .....	2	..	..	2	1	
SPECIFIED CAUSES .....	421	280	178	*880	935		Quinsey .....	2	..	..	2	2	
I.—Zymotic Diseases .....	156	45	14	215	226		Bronchitis .....	8	6	12	26	12	
SPORADIC DISEASES—							Pleurisy .....	1	1	..	2	2	
II.—Dropsy, Cancer, and other Diseases of uncertain or variable Seat .....	60	31	11	102	103		Pneumonia .....	22	4	10	36	46	
III.—Diseases of the Brain, Spinal Marrow, Nerves and Senses ..	94	32	29	*156	157		Hydrothorax .....	..	..	2	2	3	
IV.—Diseases of the Lungs, and of the other Organs of Respiration ..	51	110	34	195	226		Asthma .....	..	1	2	3	8	
V.—Diseases of the Heart and Blood-vessels .....	1	11	9	21	25		Phthisis (or Consumption) .....	16	95	3	114	142	
VI.—Diseases of the Stomach, Liver, and other Organs of Digestion ..	47	23	21	91	94		Disease of Lungs, &c. ....	..	3	5	8	11	
VII.—Diseases of the Kidneys, &c. ....	1	2	3	6	8		V.—Pericarditis.....	..	..	..	..	1	
VIII.—Childbirth, Diseases of the Uterus, &c. ....	..	11	..	11	10		Aneurism .....	..	1	..	1	.8	
IX.—Rheumatism, Diseases of the Bones, Joints, &c. ....	2	3	2	7	7		Disease of Heart, &c. ....	1	10	9	20	23	
X.—Diseases of the Skin, Cellular Tissue, &c. ....	1	2	..	3	2		VI.—Teething.....	11	..	..	11	19	
XI.—Old Age .....	..	..	50	50	50		Gastritis .....	..	3	..	3	24	
XII.—Violence, Privation, Cold and Intemperance .....	8	10	5	23	28		Enteritis .....	3	1	1	5	2	
I.—Small Pox .....	29	3	..	32	14		Peritonitis .....	..	..	1	1	2	
Measles .....	43	1	..	44	28		Tabes Mesenterica.....	24	..	..	24	15	
Scarlatina .....	9	3	1	13	39		Worms .....	..	..	..	..	.6	
Hooping Cough .....	18	..	..	18	23		Ascites .....	..	..	1	1	2	
Croup .....	3	..	..	3	6		Ulceration (of Intestines, &c.) .....	..	1	..	1	3	
Thrush .....	2	..	..	2	9		Hernia .....	..	2	3	5	2	
Diarrhoea .....	24	3	5	32	55		Colic or Ileus .....	2	2	1	5	3	
Dysentery .....	2	..	1	3	6		Intussusception .....	3	..	..	3	.5	
Cholera .....	1	2	..	3	7		Stricture (of the Intestinal Canal) .....	1	..	..	1	.6	
Influenza .....	..	..	..	..	.8		Hæmatemesis.....	..	..	..	..	.9	
Ague .....	1	..	..	1	.3		Disease of Stomach, &c. ..	1	1	5	7	7	
Remittent Fever.....	..	..	..	..	.7		Disease of Pancreas .....	..	..	..	..	..	
Typhus .....	19	27	6	52	30		Hepatitis .....	1	..	2	3	3	
Erysipelas .....	3	5	1	9	5		Jaundice .....	..	1	..	1	3	
Syphilis .....	2	1	..	3	1		Disease of Liver, &c. ....	1	12	7	20	10	
Hydrophobia .....	..	..	..	..	..		Disease of Spleen.....	..	..	..	..	.2	
II.—Hæmorrhage .....	..	1	..	1	3		VII.—Nephritis.....	..	1	..	1	.4	
Dropsy .....	1	7	4	12	23		Ischuria .....	..	..	..	..	..	
Abscess .....	1	..	..	1	2		Diabetes .....	..	..	..	..	.6	
Noma .....	2	..	..	2	.2		Cystitis .....	..	..	..	..	.3	
Mortification .....	1	..	2	3	.6		Stone .....	..	..	..	..	.6	
Purpura .....	..	..	..	..	..		Stricture (of the Urethra) ..	..	..	..	..	1	
Scrofula .....	3	4	..	7	4		Disease of Kidneys, &c. ..	1	1	3	5	5	
Cancer .....	1	15	3	19	12		VIII.—Childbirth .....	..	8	..	8	6	
Tumour .....	..	..	..	..	.9		Paramenia .....	..	..	..	..	.3	
Gout .....	..	1	..	1	.9		Ovarian Dropsy .....	..	1	..	1	.5	
Atrophy .....	25	1	..	26	20		Disease of Uterus, &c. ....	..	2	..	2	3	
Debility .....	23	1	..	24	22		IX.—Arthritis .....	..	..	..	..	..	
Malformations .....	2	..	..	2	2		Rheumatism .....	..	2	..	2	3	
Sudden Deaths (including Coroners' Inquests, in which it is not shewn from what diseases or causes the persons died.)	1	1	2	4	9		Disease of Joints, &c. ....	2	3	..	5	4	
III.—Cephalitis .....	9	2	2	13	13		X.—Carbuncle .....	..	..	..	..	.1	
Hydrocephalus .....	37	1	..	38	37		Phlegmon .....	..	..	..	..	.2	
Apoplexy .....	1	7	9	17	18		Ulcer .....	1	1	..	2	.4	
Paralysis .....	1	8	12	21	15		Fistula .....	..	1	..	1	.3	
Convulsions.....	39	3	..	*43	54		Disease of Skin, &c.....	..	..	..	..	.6	
Tetanus .....	..	..	..	..	.4		XI.—Old Age .....	..	..	50	50	50	
Chorea .....	..	..	..	..	.1		XII.—Intemperance .....	..	1	..	1	1	
Epilepsy .....	1	2	2	5	5		Privation.....	1	..	..	1	.4	
Insanity .....	..	..	..	..	1		Violent Deaths .....	7	9	5	21	27	
Delirium Tremens.....	..	2	..	2	3		Causes not Specified .....	1	1	..	2	5	
Disease of Brain, &c. ....	6	7	4	17	10								

5 Summers.											
Weekly Average derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population	{	Males .....	479	Deaths registered in the Week	{	Males .....	434	Births registered in the Week	{	Males .....	618
		Females .....	461			Females .....	448			Females .....	581
		Total 940				Total.. 882				Total.. 1199	

\* The age of 1 person, whose death is ascribed to convulsions, is not stated.

DISTRICTS OF LONDON, Comprising 135 Registrars' Districts.		Area in square Miles	Population Enume- rated in 1841	Weekly Average derived from Deaths of 1842-6, and corrected for increase of Population 5 Summers	DEATHS registered in the Week	BIRTHS registered in the Week
WEST DISTRICTS	{ Kensington; Chelsea; St. George, Hanover-square; Westminster; St. Martin in the Fields; St. James	17.2	301,326	137	139	146
NORTH DISTRICTS	{ St. Marylebone; St. Pancras; Islington; Hackney; part of Edmonton, viz. Hampstead	20.5	376,396	175	188	223
CENTRAL DISTRICTS	{ St. Giles and St. George; Strand; Holborn; Clerkenwell; St. Luke; East London; West London; City of London	2.8	374,759	173	151	205
EAST DISTRICTS	{ Shoreditch; Bethnal Green; Whitechapel; St. George in the East; Stepney; Poplar	8.8	393,247	212	172	282
SOUTH DISTRICTS	{ St. Saviour; St. Olave; Bermondsey; St. George, Southwark; Newington; Lambeth; Wandsworth and Clapham; Camberwell; Rotherhithe; Greenwich; Lewisham	66.2	502,483	244	232	343
TOTALS		115.5	1,948,211	940	882	1199

Births and Deaths not caused by Violence, registered in the Metropolis in the last 13 weeks, with the Mean Temperature for the same periods.

	17th April	24th April	1st May	8th May	15th May	22nd May	29th May	5th June	12th June	19th June	26th June	3rd July	10th July
BIRTHS	1338	1417	1276	1259	1327	1267	1273	1325	1177	1178	1355	1277	1199
DEATHS (except from Violence)	959	964	969	973	949	882	933	757	820	915	893	865	861
Deaths (except from Violence) at 60 yrs. & upwards	251	246	237	227	226	203	198	143	180	187	182	178	173
Bronchitis	68	70	62	66	59	38	47	30	43	40	33	32	26
Typhus	29	41	40	34	52	54	52	51	44	52	58	61	52
Purpura	1	5	1	2	1	2	3	3	..	3	2	2	..
Mean Temperature	42.6	45.5	48.1	49.1	56.1	58.4	63.4	62.3	54.4	56.0	57.8	61.3	65.5

## EXTRACTS FROM THE METROPOLITAN RETURNS OF THE PREVIOUS WEEK, No. 27.

(The tabular abstract on the first page is for the week ending Saturday, July 10th. The following selection of cases is made from the returns for the week ending July 3d.)

### RETURNS OF VIOLENT DEATHS, MADE CHIEFLY BY CORONER.

NOTE.—The cases of violence not returned by the Coroner, have the words "no inquest."

<p><b>Fractures and Contusions:—</b></p> <p>In St. George's Hospital, son of a carpenter, 6, (post mort.)—fractured skull and lacerated brain—fell down stairs ..... 7 days</p> <p>In St. George's Hospital, M. (supposed to be a private in Bombay Artillery), 44 (post mort.), delirium tremens, following fracture of the skull and laceration of the brain—fell down the steps of the Great Western Railway terminus at Paddington, when intoxicated 5 days</p> <p>In St. George's Hospital, linendraper's assistant, 40 (post mort.), secondary abscess in the lung—compound fracture of right leg, produced during delirium tremens, after simple fracture. No evidence how the simple fracture was caused—supposed from a fall in Bond Street, when intoxicated ..... 28 days</p> <p>In University College Hospital, painter, 59, fracture of the skull and several ribs, caused by an accidental fall into the area of a house, where he was at work as a painter. .... *</p> <p>In King's College Hospital, labourer, 42, inflammation and fever, following wound of the right foot. Fell into a cellar when pulling down an old house in Short's Gardens, Drury Lane—the arch of cellar suddenly giving way ..... 4 days</p> <p>In London Hospital, hatter, 67, accidental by a fall down stairs. .... *</p> <p>In London Hospital, engineer, 50, accidental by a fall from a ladder at East London Water Works ..... 1 day</p> <p>In Guy's Hospital, son of a shoemaker, 15, mortification from a fracture of the left leg, occasioned by an accidental fall from a tree, while taking sparrows' nests ..... 23 days</p> <p>F. 3, compression of the brain, by falling from a three-pair window (45, Carnaby Street), when at play in the window seat ..... *</p> <p>F. 42 (post mort.), injuries of the head from being knocked down stairs by her husband, and falling on a pavement (manslaughter against Thomas Marlin) ..... 3 days</p> <p>Daughter of a cab proprietor, 8 mon., dislocation of the neck—was let slip from the lap of a child, when the edge of the chair fell on her neck ..... 5 minutes</p> <p>Daughter of a coach painter, 3, fractured skull and compression of the brain, by falling from the first-floor window of 65, Dean Street, Soho; when at play ..... about 15 mins.</p> <p>Bricklayer, 68, falling down stairs, causing rupture of a blood vessel of the brain ..... immediately</p> <p>M. 49, natural—may have been accelerated by a fall ..... sudden</p> <p>In London Hospital, labourer, 28, leg crushed by the accidental fall of iron pipes in Goulston Square ..... 23 days</p> <p>In University College Hospital, carpenter, 31, injuries of the legs and body, from brick arches falling in through the cement being deranged by frost, snow, and thaw ..... 10 days</p> <p>In University College Hospital, plough boy, 12, crushed by a waggon wheel, having fallen off the waggon when asleep ..... 2 hours</p> <p>In University College Hospital, jobmaster about 67, injuries of the head by falling from a horse break. The firing of the troops in Hyde Park made the horses run away, and he was jolted off ..... 3 hours</p> <p>Son of a coffee-house-keeper, 3, fracture of the skull from being run over by a cart, as he was running across Fetter Lane ..... instant</p> <p>M. 7, accidentally crushed to death by a cart wheel. .... *</p> <p>M. 12 (post mort.), rupture of the liver and vena cava, from being run over by a cart furiously driven by a man unknown ..... 15 mins.</p> <p>In St. George's Hospital, carrier, 22 (post mort.), hæmorrhage from laceration of right lung, from fractured ribs. Fell from a carrier's cart, and run over by the wheel, when endeavouring to stop a box from falling (at Knightsbridge) ..... 2 hours</p>	<p><b>Fractures and Contusions (continued):—</b></p> <p>In St. George's Hospital, gardener's labourer, (age not reported—post mort.)—fell from the kerb, under a dray drawn by two horses, at Waltham Green—leg struck by some part of the dray ..... 13 days</p> <p>In University College Hospital, cab driver, 44, injury of the foot, from a cab upsetting at night, at a part of Flask Walk, Hampstead, rendered dangerous to life by neglect of the authorities of the road ..... 10 days</p> <p>amputation ..... 3 days</p> <p>In University College Hospital, sweep, 62, sup-puration of the thigh, which was fractured by a waggon wheel. Thrown under it by a horse, when trying to stop him down hill, the load being too heavy ..... 21 days</p> <p>In University College Hospital, railway porter, 29, injuries of the mesentery. Crushed by railway waggon buffers, when incautiously standing between them to remove a lamp 7 hours</p> <p>In University College Hospital, labourer, 30, fracture of the bones of the thigh, and laceration of the muscles of the thigh, caused by the wheels of a steam carriage passing over his lower extremities ..... *</p> <p>In Guy's Hospital, labourer, 35, injury to the lower part of the back, from being accidentally struck by the step of a railway engine, when working on a side line ..... 1 week</p> <p>Labourer, 47, inflammation of the lungs, set up by a fractured rib—how caused unknown *</p> <p>Assistant to a frameworker (age not reported), post mort.—fracture of 2nd cervical vertebra—found dead—the framework of a steam saw mill resting upon his neck, supposed to have dropped upon it (after the engine had been stopped) by the crank being moved, from his playfully placing his head through a hole communicating with the crank ..... instant</p> <p>F. 76, { general paralysis ..... *</p> <p>(no inquest) { fracture of femur ..... 16 days</p> <p>                  { bed sore ..... *</p> <p>F. 61 (no inquest), disease of the brain, and concussion of the head ..... 2 days</p> <p><b>Wounds:—</b></p> <p>In St. George's Hospital, wife of a copying clerk, 47, cutting her throat with a razor (in temporary insanity from painful disease) ..... 3 days</p> <p>In London Hospital, labourer, 21, accidental from the explosion of a congreve rocket .. 2 days</p> <p>In Guy's Hospital, M. 29, { puncture of knee ..... 3 days</p> <p>(post mort.—no inquest) { joint ..... 3 days</p> <p>                                      { syncope—heart dilated.</p> <p>Knight bachelor, lieutenant-colonel, 54, suicide by cutting his neck with a knife, when of unsound mind—found in his bedroom, and died in about ..... 15 hours</p> <p>M. 28, cutting his throat with a razor, in temporary insanity ..... a few minutes</p> <p>In King's College Hospital, papier maché maker, gangrene after amputation of the right arm, which had been drawn into and lacerated by the iron roller of a grinding machine, worked by steam at Mr. Bielefeld's papier maché manufactory, Wellington Street—(deceased playing with machinery) ..... 10 days</p> <p>Brass founder, 54, cutting his throat with a pocket knife in temporary insanity, caused by erysipelas of the face and head ..... 40 hours</p> <p><b>Drowning:—</b></p> <p>M. 24, found drowned in the River Thames—no evidence how he came into the water.</p> <p>Carpenter, 36, drowning—not known how he came into the water—had chronic disease of the cerebral membranes (probably suicide).</p> <p>M. 17, accidentally drowned, when bathing.</p> <p>Waterman, 26, drowning himself in the River Thames, in temporary insanity (under water 3 days).</p>	<p><b>Bathing:—</b></p> <p>Surgical pupil, 20, epileptic seizure, induced by going into a cold bath ..... a few minutes</p> <p><b>Hanging and Suffocation:—</b></p> <p>F. 49, hanged herself in a temporary state of insanity.</p> <p>F. 51, hanging herself by a cord to the rail of a bedstead, her feet not being off the ground (temporary insanity) ..... almost instant</p> <p>Sweep, 26, suffocation from hanging—suicide in unsound mind.</p> <p>Shoemaker, 45, hanged himself with a strap to the handle of a cupboard door—found dead with his feet on the floor—temporary insanity.</p> <p>Wife of a servant, about 43, suicide by hanging herself during intoxication (an habitual drunkard).</p> <p>M. 39, asphyxia—hung himself with a towel to a bedrail, in temporary insanity (found dead).</p> <p>F. about 59, accidental suffocation and congestion of the brain from lying in the passage intoxicated, with her head against the wall, and pressing on her chest (found dead).</p> <p>M. 3 days (post mort.), suffocation by a shawl and bed clothes—wilful murder against Ann Cleveland and a man known as Hill, otherwise Dolly—found dead in bed with his mother.</p> <p>In London Hospital, M. 28, sudden from suffocation.</p> <p><i>The above return is imperfect, and of doubtful import—From violence or disease?</i></p> <p>Daughter of a porter, 1 mon., asphyxia accidentally caused, when laid to sleep in her mother's arms in bed—found dead in bed.</p> <p>M. a few minutes, suffocation in the soil of a privy, by falling therein at birth.</p> <p><b>Burns and Scalds:—</b></p> <p>In University College Hospital, widow of a bleacher, 65, burns from lucifer matches setting fire to her clothes, while in a fit or intoxicated ..... 3 months</p> <p>In London Hospital, son of a coalwhipper, 3, accidental from burns ..... *</p> <p>Son of a collector to a company, 4, burns from his clothes taking fire at a grate, at which he stood on a fender ..... *</p> <p>F. 44, accidentally burnt about the head, arms, and body, from falling, when intoxicated, against the fire in a room in which she was alone (found dead).</p> <p>M. 4, hooping cough, and effects of injuries, from being burnt accidentally ..... *</p> <p>F. 1, accidental death from scalds, by boiling broth falling on her chest ..... 6 weeks</p> <p>M. 4, scalds from a pot upset with boiling water, which went on his legs, thigh, and abdomen</p> <p>Daughter of a carman, 3, effects of an accidental scald on the nates ..... *</p> <p><b>Poison:—</b></p> <p>In St. George's Hospital, gardener, 48 (post mort.), laudanum—suicide in temporary insanity ..... about 8 hours</p> <p>Wife of a coachman, 30 (post mort.), laudanum—taken for tooth ache (found dead in bed) .. *</p> <p>In University College Hospital, laundress, 33, arsenic (4 drachms), suicide—state of mind unknown ..... 23 hours</p> <p>In King's College Hospital, son of a cab proprietor, 1 (post mort.), arsenic contained in bug oil, taken unobserved by his parents about 5 hrs.</p> <p>F. 69, poisoned herself in a temporary state of insanity ..... *</p>
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# THIRTEEN HOSPITALS.—CAUSES OF DEATHS (NOT VIOLENT) AS RETURNED BY THE MEDICAL OFFICERS.

NOTE.—Deaths in hospitals from fractures, wounds, burns, scalds, poison, are not contained in this list. See deaths by violence.

St. George's H.:	duration
56, cirrhosis of liver with ascites.....	*
40, fatty degeneration of kidneys.....	*
41, delirium tremens.....	2 or 3 days
(m.) no organic disease.....	*
52, scirrhus disease of stomach.....	*
nutmeg liver.....	*
49, tubercular disease of the peritoneum.....	*
amputation of thigh.....	12 months ago

Westminster H.:	
43, stricture—diseased kidneys.....	*
67, apoplexy.....	6 days
60, cerebral disease.....	8 days
82, age and debility.....	*
73, age and debility.....	*
45, serous apoplexy.....	3 days

Charing Cross H.:	
24, puerperal peritonitis.....	*
(m.) inflammation of the portal vein.....	3 weeks

Middlesex H.:	
12, ascites.....	*
65, anasarca.....	*

University College H.—  
about 70 (inquest), died in a state of destitution (had been independent). Whether from natural disease, or the want of the necessities of life, no evidence to prove.

Small Pox H.:	
27, { small pox, confluent.....	*
{ vaccinated at the age of 14, in France.....	*
—one very small cicatrix.....	*

## DEATHS BY SMALL POX, TYPHUS, ETC., SYPHILIS, HÆMORRHAGE MALFORMATION, HERNIA, DIABETES, STONE, CHILDBIRTH, DELIRIUM TREMENS, IMPERANCE, PRIVATION, PURPURA, ETC.

Small Pox:—	duration
2 mon., variola (natural).....	8 days
(small pox).....	8 days
17, { vaccinated with effect 16 years before.....	8 days
{ the eruption.....	*
9 mon., small pox, confluent, unprotected.....	*
1, small pox—bronchitis.....	about 8 days
1, small pox.....	8 days

NOTE.—It should be stated in all cases whether vaccination had been performed with effect.

2, confluent small pox.....	9 days
1, small pox.....	8 days
1, small pox.....	*
5, small pox, confluent (not vaccinated).....	*
{ variola, confluent.....	8 days
{ unsuccessfully vaccinated 5 weeks before; again and with more success 3 weeks before the eruption.....	*
1, variola confluent (natural—not vaccinated).....	21 days
1, small pox (vaccinated twice without effect; the latter time about 1 year ago).....	*
1, small pox (not vaccinated).....	8 days
1, small pox.....	10 days
2, { vaccinated a month ago without effect.....	*
{ —no regular medical attendant.....	*
2, { small pox (not vaccinated).....	12 days
{ pneumonia.....	3 days
1, small pox (not vaccinated).....	12 days
1, small pox (not vaccinated).....	9 days
1, small pox (second attack—not vaccinated).....	9 days
2, small pox, natural.....	6 days
1, small pox (not vaccinated)—atrophy.....	*
1, small pox (not vaccinated).....	9 days
1, small pox.....	9 days
1, small pox (whether vaccinated could not be ascertained).....	*
1, disease of lungs.....	49 days
8 weeks, small pox (first attack—not vaccinated).....	11 days
1, small pox.....	*

Varicella:—	
M. 9 mon., varicella.....	*

Typhus, &c.:	
KENSINGTON; Town.	
F. 6, fever—meningitis.....	2 days
St. LUKE; South Chelsea.	
M. 51, fever.....	*
North-east Chelsea.	
M. 29, fever.....	*

St. GEORGE, Hanover-square; Belgrave.	
M. 4, { gastric fever.....	3 weeks
{ water in the head—effusion in the ventricles.....	3 days
St. MARYLEBONE; the Rectory.	
M. 50, typhus.....	*
M. 20 (post mort.), fever—enlarged kidneys and liver.....	*
St. Mary.	
F. 5, fever.....	3 weeks

St. PANCRA'S; Tottenham.	
M. 63, low fever.....	*
F. 44, low fever.....	10 days

ISLINGTON; West.	
M. 74, fever.....	4 days

HACKNEY; South.	
M. 71, low fever of a typhoid character.....	about 30 days

St. GILES IN THE FIELDS; South St. Giles.	
M. 57, fever and paralysis.....	*
M. 48, typhus.....	*
M. 42, typhus.....	8 days
F. 3, fever.....	5 weeks

HOLBORN; Saffron hill.	
F. 48, fever.....	*

CITY OF LONDON; South-east.	
F. 4, { typhus.....	11 days
{ congestion of brain.....	4 days

SHOREDITCH; Holywell and Moorfields.	
F. 8, fever—disease of mucous membrane of stomach and intestines.....	1 week

Haggerstone, West.	
M. 58, typhus.....	*

Small Pox H. (continued):—	duration
F. 19, small pox, confluent, petechial (said to have been vaccinated, no cicatrix.).....	*

Fever H.:	duration
M. 17, { fever.....	*
{ from East London Union, in hospital 3 days.....	*
F. 13, { fever.....	18 days
{ tubercular pleurisy.....	*
{ from Lambeth, in hospital 14 days.....	*
F. 56, { fever.....	12 days
{ pneumonia, recent.....	*
(p.m.) { tubercles.....	of long duration
{ in hospital 4 days.....	*

King's College H.:	
M. 25, bursting of aneurism of aorta.....	*
M. 45 (p.m.), phthisis.....	*
F. 42, heart disease.....	*
(p.m.) { dropsy.....	9 weeks

St. Bartholomew's H.:	
M. 20, inflammation of the brain.....	*
M. 62, apoplexy.....	*

London H.:	
M. 58, consumption.....	1 year
M. 45, consumption.....	7 months
M. 40, diseased liver.....	6 months
F. 19, large fibrous growth in the pituitary gland.....	*

St. Thomas' H.:	
F. 28, { pneumonia.....	5 weeks
{ anasarca.....	5 weeks

Typhus, &c. (continued):—	duration
BETHNAL GREEN; The Green.	
M. 26, typhus.....	14 days
M. 9, typhus.....	2 days
M. 31, { typhus.....	6 days
{ peritonitis.....	3 days

The Church.	
F. 30, { diarrhoea.....	10 days
{ typhus.....	2 days

The Town.	
M. 11, synochus.....	14 days

Hackney-road.	
M. 49, fever.....	10 days

WHITECHAPEL; Spitalfields.	
F. 33, typhus.....	9 days

Mile-end New Town.	
M. 76, { fever.....	10 days
{ diarrhoea.....	7 days
M. 11, typhus—congestion of the brain.....	*

North.	
M. 26, typhus.....	*
F. 51, synochus.....	*
F. 30, typhus—erysipelas.....	*

Aldgate.	
F. 56, typhus.....	*

St. GEORGE IN THE EAST; St. Mary.	
F. 7, fever.....	14 days
F. 54, fever.....	7 days

STEVENY; Mile-end, Old Town (Upper).	
M. 13, typhus.....	14 days
M. 12, typhus.....	12 days

POPULAR; Poplar.	
F. 30, typhus.....	11 days

St. OLAVE; St. Olave and St. Thomas.	
M. 43, fever.....	8 or 10 days
F. 49, typhus.....	14 days

St. John.	
M. 40, febris.....	1 week
M. 25, febris.....	3 weeks

BERMONDSEY; St. James.	
M. 14, typhus.....	14 days
M. 50, typhus.....	1 week

St. GEORGE, Southwark; Kent-road.	
M. 65, fever.....	*

London Road.	
M. 7, febris typhoides.....	6 weeks
F. 43, bronchitis—typhus.....	*

* LAMBETH; Waterloo (first part).	
F. 16, water of the brain from fever.....	7 weeks

Lambeth Church (second part).	
F. 31, continued fever.....	4 days

Kennington (first part).	
M. 56, { typhoid fever.....	8 days
{ chronic bronchitis.....	long standing

GREENWICH; St. Paul's, Deptford.	
F. 11, fever.....	*

Greenwich East.	
M. 69, fever.....	14 days
M. 55, fever.....	14 days

F. 9, bilious fever.....	*
F. 27, fever—cerebritis.....	3 weeks

Greenwich West.	
F. 69, { fever.....	2 months
{ debility.....	3 months

WANDSWORTH; Wandsworth.	
M. 30, adynamic fever.....	9 days

LEWISHAM; Lee.	
M. 3, brain fever.....	5 days

* See Hospital Returns.	
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Remittent Fever:—	
F. 5, { remittent fever.....	8 days
{ effusion on the brain.....	4 days

Syphilis:—	
F. 8 weeks, secondary syphilis.....	congenital

Hæmorrhage:—	
M. 56 (inquest), sudden hæmorrhage from the lungs—had cough—(not under medical treatment.....	instantly

St. Thomas' H. (continued):—	duration
M. 37, typhus—pneumonia.....	*
M. 44, bronchitis.....	3 months
F. 65, exhaustion, and disease of the liver.....	*
F. 57, { subacute articular rheumatism.....	7 weeks
(p.m.) { pneumonia.....	*
F. 23, { icterus.....	5 months
(p.m.) { enlarged and obstructed bile ducts—gallstones.....	*
M. 45, scrofulous disease of the knee-joints.....	9 months

Guy's H.:	
M. 37, { albuminuria—anasarca.....	8 months
{ erysipelas of lower extremities.....	*
F. 57, { hernia, femoral.....	*
{ operation.....	1 month
{ erysipelas—phlebitis.....	7 days
M. 35 (post mort.), peritonitis and abscess of liver.....	*
M. 53 (post mort.), granular kidney—isthula—diffused cellular inflammation about rectum.....	*
M. 26, malignant disease of testis and liver.....	*
M. 54, renal dropsy.....	*
M. 78, ossification of the arteries.....	*
F. 33, obstructed bowel—perforation.....	*
F. 30, phthisis—hæmoptysis.....	*

Dreadnought H.:	
M. 21, { pneumonia.....	7 days
(post mort.) { consequent on intemperance—very rapid decomposition.....	*
M. 24, { phthisis.....	3 months
(post mort.) { pneumothorax and empyema, consequent on rupture of a vomica.....	2 weeks

Hæmorrhage (continued):—	duration
Son of a single woman, newly born (inq., post mort.), hæmorrhage from the navel string (after unexpected birth) having been cut with scissors—said to have been held by a female—string not tied for half an hour, when medical assistance arrived—general bloodless state of body.....	about 1½ hour
M. 60 (inquest), rupture of a blood-vessel of the thorax (natural).....	5 minutes
Other cases of hæmorrhage are classed under apoplexy, phthisis, &c.	

Malformation.—	
F. 4 days, malformation.....	*

Hernia:—	
F. 78, { irreducible hernia.....	many years
{ constipation.....	9 days
M. 66 (post mort.), internal strangulated hernia, 4 days.....	*
See Guy's Hospital Returns.	

Disease of Kidney, Diabetes, &c.	
M. 63, disease of kidney, prostrate gland; diabetes.....	1 year

Stone:—No deaths registered from this cause.	
Childbirth.—The time elapsing from commencement of labour to death should invariably be returned.	
F. 26, { abortion (in third month).....	11 days
{ peritonitis.....	9 days
F. 33, hæmorrhage; exhaustion after parturition.....	*
F. 29 (inquest), natural death—exhaustion after miscarriage.....	*
See Return of Charing Cross Hospital.	

Delirium Tremens:—	
M. 39, delirium tremens—debility—anasarca, 3 months.....	*
M. 44, delirium tremens.....	5 days
See Return of St. George's Hospital.	

Intemperance:—	
F. 34 (inquest), found dead in bed—apparently from intoxication.....	*
F. 29 (inquest), natural death, accelerated by drinking ardent spirits.....	*
See Dreadnought Hospital Ship.	
M. 42 (inquest), natural—suddenly seized with pain in the side, and died in half an hour—was a drunkard.	*

Privation:—	
In Limehouse, F. 4 (inquest), natural death—accelerated by want and privation.....	*
See Return of University College Hospital.	

Want of Breast-milk:—	
F. 5 weeks (p.m.), bowel irritation from deficient supply of milk.....	2 weeks
F. 9 mon., atrophy from weaning.....	*
Son of a single woman, 8 mon., (inq.) natural death from atrophy and wasting, being deprived of his natural aliment.....	*
F. 3 mon., { intestinal irritation.....	6 days
{ from an attempt to bring up by hand (the mother a wet nurse).....	*
M. 6 days, debility from want of breast-milk.....	*
M. 9 weeks, { want of breast milk.....	*
{ convulsions.....	*
{ diarrhoea.....	8 days

Purpura, &c.:	
F. 19, { muco-enteritis.....	4 days
{ purpura hæmorrhagica.....	2 days
M. 72, { scorbutus.....	1 month
{ atrophy, gradual.....	*

Hæmatemesis:—	
M. 75, hæmatemesis—old age.....	*

Other cases of Hæmatemesis, classed under primary disease:—	
M. 62 (p.m.), ulceration of the stomach—hæmatemesis.....	*
F. 26, { chronic hepatitis.....	several years
{ hæmatemesis.....	6 months

Miscellaneous Cases:—	
M. 34, fever following the operation of tying piles 3 weeks.....	*
F. 62, { excitement.....	2 days
{ convulsions.....	*
F. 48 (inquest), sudden death from a fit caused by excitement.....	*
F. 76, old age—mental shock.....	*
F. 17, lupus exedens.....	9 months
M. 6 weeks, strophulus confertus.....	3 weeks
F. 78 (inquest), natural death from the visitation of God; with a recommendation to medical officers promptly to attend to orders.....	*

# METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH,

During the Week ending Saturday, 10th July, 1847.

Day.	Phase	Mean height of the Barometer, from 12 Observations (corrected and reduced to 32° F. as Fahrenhelt.)	Readings of Thermometers										Difference between the Dew Point Temperature and Air Temperature			Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 25 years	WIND							Mean Amount of Cloud, 0-10	Rain in inches, read at 9 o'clock the next morning
			Dry			Dew Point	Highest in the sun, as shown by a self-registering Thermometer	Lowest on the grass, as shown by a self-registering Thermometer	In the Water of the Thames at Greenwich, by the self-registering Thermometer, read at 9 o'clock next morning		Mean of 12	Greatest	Least	General Direction	Pressure in lbs. on the square foot			Amount of Horizontal Movement of the Air in each day							
			High-est from 12 Obs.	Low-est from 12 Obs.	Mean from 12 Obs.	Mean			of 12	Least					Greatest		Least		Mean of 12 Obs.						
			Highest	Lowest	Diff.	Greatest			Least																
JULY,		in.	o	o	o	o	o	o	o	o	o	o	o	o				lbs.	lbs.	lbs	Miles				
SUN.	4	In Equator.						96°0	36°5	67°0	63°5					Calm and S. by E.	Calm	0°0	0°0	0°0	40	3°0	0°00		
MON.	5	Last Quarter	29°800	82°2	49°0	65°8	55°6	105°0	45°0	68°0	64°2	10°2	24°3	0°0	+ 2°7	S.W. and Calm	Calm and S.	0°0	0°0	0°0	80	2°0	0°00		
TUES.	6		29°749	84°0	55°0	69°6	59°0	106°4	52°0	70°0	65°0	10°6	24°6	0°2	+ 6°4	S.W.	W.S.W. and Calm	0°0	0°0	0°0	70	0°8	0°22		
WED	7		29°680	71°5	57°4	64°6	58°5	84°4	45°5	70°5	66°0	6°1	11°2	1°8	+ 3°1	S.S.E. and S. W.	S.W. and Calm	3°5	0°0	0°0	115	7°8	0°12		
THU.	8		29°758	72°2	55°0	61°7	56°0	86°0	43°8	70°5	66°0	5°7	14°1	1°1	- 1°4	Calm	S.S.W.	0°3	0°0	0°0	160	6°8	0°00		
FRI.	9		29°927	75°3	55°0	63°2	53°1	94°0	52°5	70°5	66°0	10°1	21°6	1°3	+ 1°4	S.S.W.	S.S.W.	2°0	0°0	0°2	205	7°7	0°01		
SAT.	10	Greatest declination N.	30°008	76°7	59°5	67°8	61°8	90°2	53°5	70°8	66°2	6°0	11°4	0°5	+ 4°9	S.W.	S.W.	0°7	0°0	0°1	160	8°0	0°00		
MEANS			29°820	77°0	55°2	65°5	57°3	94°6	47°0	69°6	65°3	8°1	17°9	0°8	+ 2°9							Sum 830	5°2	Sum 0°40	

DAY	ELECTRICITY	Circumstances accompanying the exhibition of Electricity	GENERAL REMARKS
SUN.	Nothing was shewn at 9h. a.m. At other examinations it was positive with moderate tension.		Cumuli, cirri, and light clouds scattered about the sky during the day.
MON.	Nothing was shewn till 7h. a.m. From this time till 5h. 30m. p.m. it was positive with strong tension. During the remainder of the day nothing was shewn.		The sky was generally cloudless till 2h. p.m.; mostly cloudy from that time till 6h. p.m., and nearly cloudless during the remainder of the day.
TUES.	The apparatus was under repair during the day.		With the exception of a few cirri and fleecy clouds which prevailed during the afternoon, the sky was generally cloudless throughout the day. Flashes of sheet lightning were occasionally visible from 8h. 20m. p.m. till midnight.
WED.	The apparatus was out of order till 9h. a.m. Throughout the remainder of the day it was positive, with moderately strong tension.		The sky was overcast till 6h. p.m., but generally cloudless during the remainder of the day. At about 6h. 15m. a.m. a very violent thunder storm occurred. It began first in the S.S.E. and passed by the West to the North, accompanied by thunder and lightning in all directions, but mostly from S.E. to N.E. The thunder followed the lightning at intervals from 6 sec. to 1 min. The rain ceased at about 1h. 30m. a.m., but the lightning was visible behind clouds in the North till 4h. a.m. From 4h. 45m. till 1h. 10m. the thunder and lightning were almost incessant. At 4h. 40m. a sudden gust of wind to 5h. 5 pressure on the square foot, was recorded by the anemometer immediately before; after which it was nearly calm.
THURS.	Positive and tension variable throughout the day, with the exception of 6h. 50m. p.m., and midnight, when nothing was shewn.		Overcast till 2h. p.m., and about one-third covered with cumuli, cirrostratus, and haze during the remainder of the day. Rain was falling at intervals during the morning.
FRID.	Nothing was shewn till 9h. a.m. Throughout the remainder of the day it was positive, with variable tension.		The greater part of the sky was covered with cumuli, cirrostratus, and scud throughout the day.
SAT.	Positive and tension moderate throughout the day.		The sky was mostly overcast till 5h. p.m., but cloudless during the remainder of the day.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The amount of clouds is estimated by considering a clear sky to be represented by 0, a cloudy sky by 10; and when partially cloudy by estimating the number of tenths of the whole sky covered with cloud. The observations are taken every two hours, day and night.

The readings of the two self-registering thermometers, the one placed in the full rays of the sun, and the other placed on grass fully exposed to the sky, are taken every morning at 9 A.M., and therefore exhibit the highest and lowest readings respectively, that have occurred in the previous 24 hours. They are, however, placed here opposite to the civil day which precedes that on which the thermometers are read.

Whewell's anemometer (from the indications of which the estimation of horizontal movement is made) is read at 10 A.M., and the result given is for the 24 hours preceding. It is placed here opposite to the civil day, which precedes that on which the anemometer is read.

The average temperature for 25 years is furnished by Mr. Henry, Assistant at the Royal Observatory, from the observations made at his residence in the neighbourhood of Greenwich Park.

\* In reading the 16th column, it will be borne in mind that + is read "higher," and - "lower," than the average.

The temperature of the water of the Thames is ascertained by the use of a self-registering thermometer, suspended from the side of the Dreadnought Hospital Ship, at the depth of about 2 feet below the surface. The readings of this instrument are registered under the superintendence of Lieutenant Sanders, R.N., Superintendent of the Dreadnought. The mean reading of a thermometer placed on the mainmast, and read each day at 6h. 30m. A.M., was 61°6; and the mean reading at 7h. 30m. P.M., was 69°3; the mean readings at the Royal Observatory for the same times were 59°7 and 68°1 respectively.

† The mean direction of the wind for the week is S.W.

# Births and Deaths registered in London,

During the Week ending Saturday, July 17th, 1847.

ANNUAL SERIES VIII.]

PUBLISHED BY AUTHORITY OF THE REGISTRAR GENERAL.

[No. 29.]

Causes of Death	Age			Total	Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population 5 Summers	Causes of Death.	Age			Total	Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population 5 Summers
	0 to 15	15 to 60	60 and upwards				0 to 15	15 to 60	60 and upwards		
ALL CAUSES.....	432	329	183	944	940	IV.—Laryngitis .....	1	2	..	3	1
SPECIFIED CAUSES .....	429	329	182	940	935	Quinsey .....	1	..	..	1	2
I.—Zymotic Diseases .....	159	56	14	229	226	Bronchitis .....	7	6	15	28	12
SPORADIC DISEASES—						Pleurisy .....	1	2	2	5	2
II.—Dropsy, Cancer, and other Diseases of uncertain or variable Seat .....	55	35	18	108	103	Pneumonia .....	26	8	2	36	46
III.—Diseases of the Brain, Spinal Marrow, Nerves and Senses ..	83	27	30	140	157	Hydrothorax .....	..	1	..	1	3
IV.—Diseases of the Lungs, and of the other Organs of Respiration }	68	138	39	245	226	Asthma .....	..	3	5	8	8
V.—Diseases of the Heart and Blood-vessels .....	2	18	12	32	25	Phthisis (or Consump- tion) .....	25	111	12	148	142
VI.—Diseases of the Stomach, Liver, and other Organs of Digestion }	49	36	16	101	94	Disease of Lungs, &c. ....	7	5	3	15	11
VII.—Diseases of the Kidneys, &c. ....	..	2	6	8	8	V.—Pericarditis.....	1	2	1	4	1
VIII.—Childbirth, Diseases of the Uterus, &c. ....	1	7	1	9	10	Aneurism .....	..	1	..	1	.8
IX.—Rheumatism, Diseases of the Bones, Joints, &c. ....	4	3	1	8	7	Disease of Heart, &c. ....	1	15	11	27	23
X.—Diseases of the Skin, Cellular Tissue, &c. ....	1	..	..	1	2	VI.—Teething.....	6	..	..	6	19
XI.—Old Age .....	..	..	40	40	50	Gastritis .....	..	1	..	1	24
XII.—Violence, Privation, Cold and Intemperance .....	7	7	5	19	28	Enteritis .....	9	2	1	12	2
I.—Small Pox .....	26	2	..	28	14	Peritonitis .....	1	7	..	8	15
Measles .....	26	..	..	26	28	Tabes Mesenterica.....	23	3	..	26	.6
Scarlatina .....	15	..	..	15	39	Worms .....	1	..	..	1	2
Hooping Cough .....	18	..	..	18	23	Ascites .....	..	..	1	1	3
Croup .....	8	..	..	8	6	Ulceration (of Intestines, &c.).....	2	2	1	5	2
Thrush .....	7	..	..	7	9	Hernia .....	1	2	1	4	2
Diarrhoea.....	37	..	6	43	55	Colic or Ileus .....	..	1	1	2	3
Dysentery .....	1	2	..	3	6	Intussusception .....	..	1	..	1	.5
Cholera .....	1	..	..	1	7	Stricture (of the Intestinal Canal) .....	..	1	..	1	.6
Influenza .....	..	1	1	2	.8	Hæmatemesis.....	..	1	2	3	.9
Ague .....	..	..	1	1	.3	Disease of Stomach, &c. ..	4	1	4	9	7
Remittent Fever.....	2	..	..	2	.7	Disease of Pancreas .....	..	..	..	..	3
Typhus .....	14	46	4	64	30	Hepatitis .....	..	8	..	8	3
Erysipelas .....	2	4	2	8	5	Jaundice .....	..	1	1	1	3
Syphilis .....	2	1	..	3	1	Disease of Liver, &c. ....	2	6	4	12	10
Hydrophobia .....	..	..	..	..	..	Disease of Spleen.....	..	..	..	..	.2
II.—Hæmorrhage .....	1	1	..	2	3	VII.—Nephritis.....	..	..	..	..	.4
Dropsy .....	3	6	6	15	23	Ischuria .....	..	..	..	..	.6
Abscess .....	1	4	1	6	2	Diabetes .....	..	..	..	..	.6
Noma .....	..	..	..	..	.2	Cystitis .....	..	..	..	..	.3
Mortification .....	..	2	..	2	3	Stone .....	..	..	3	3	.6
Purpura .....	1	1	1	3	.6	Stricture (of the Urethra) ..	..	1	..	1	1
Scrofula .....	3	2	1	6	4	Disease of Kidneys, &c. ....	..	1	3	4	5
Cancer .....	..	11	4	15	12	VIII.—Childbirth .....	..	3	..	3	6
Tumour .....	..	..	..	..	.9	Paramenia .....	..	1	..	1	.3
Gout .....	..	..	..	..	.9	Ovarian Dropsy .....	..	..	..	..	.5
Atrophy .....	22	3	2	27	20	Disease of Uterus, &c. ....	1	3	1	5	3
Debility .....	21	3	..	24	22	IX.—Arthritis .....	..	..	..	..	..
Malformations .....	3	1	..	4	3	Rheumatism .....	..	2	..	2	3
Sudden Deaths (including Coroners' Inquests, in which it is not shewn from what diseases or causes the persons died.)	..	1	3	4	9	Disease of Joints, &c. ....	4	1	1	6	4
III.—Cephalitis .....	10	2	..	12	13	X.—Carbuncle .....	..	..	..	..	.1
Hydrocephalus .....	39	1	..	40	37	Phlegmon .....	..	..	..	..	.2
Apoplexy .....	..	10	14	24	18	Ulcer .....	1	..	..	1	.4
Paralysis .....	..	10	13	23	15	Fistula.....	..	..	..	..	.3
Convulsions.....	29	..	..	29	54	Disease of Skin, &c. ....	..	..	..	..	.6
Tetanus .....	..	..	..	..	.4	XI.—Old Age .....	..	..	40	40	50
Chorea.....	..	..	..	..	.1	XII.—Intemperance .....	..	..	..	..	1
Epilepsy .....	1	2	..	3	5	Privation .....	..	..	..	..	.4
Insanity .....	..	..	1	1	1	Violent Deaths .....	7	7	5	19	27
Delirium Tremens.....	..	..	..	..	3	Causes not Specified.....	3	..	1	4	5
Disease of Brain, &c. ....	4	2	2	8	10						

Weekly Average derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population	Males .....	479	Deaths registered in the Week	Males .....	479	Births registered in the Week	Males .....	600
	Females .....	461		Females .....	465		Females .....	582
	Total	940		Total	944		Total	1182

DISTRICTS OF LONDON, Comprising 135 Registrars' Districts.		Area in square Miles	Population Enume- rated in 1841	Weekly Average derived from Deaths of 1842-6, and corrected for increase of Population 5 Summers	DEATHS registered in the Week	BIRTHS registered in the Week
WEST DISTRICTS	{ Kensington; Chelsea; St. George, Hanover-square; Westminster; St. Martin in the Fields; St. James .....	17.2	301,326	137	133	169
NORTH DISTRICTS	{ St. Marylebone; St. Pancras; Islington; Hackney; part of Edmonton, viz. Hampstead	20.5	376,396	175	175	258
CENTRAL DISTRICTS	{ St. Giles and St. George; Strand; Holborn; Clerkenwell; St. Luke; East London; West London; City of London.....	2.8	374,759	173	186	204
EAST DISTRICTS	{ Shoreditch; Bethnal Green; Whitechapel; St. George in the East; Stepney; Poplar .....	8.8	393,247	212	206	254
SOUTH DISTRICTS	{ St. Saviour; St. Olave; Bermondsey; St. George, Southwark; Newington; Lambeth; Wandsworth and Clapham; Camberwell; Rotherhithe; Greenwich; Lewisham	66.2	502,483	244	244	297
TOTALS .....		115.5	1,948,211	940	944	1182

Births and Deaths not caused by Violence, registered in the Metropolis in the last 13 weeks, with the Mean Temperature for the same periods.											
	24th April	1st May	8th May	15th May	22nd May	29th May	5th June	12th June	19th June	26th June	3rd July
BIRTHS.....	1417	1276	1259	1327	1267	1273	1325	1177	1178	1355	1277
DEATHS (except from Violence) .....	964	969	973	949	882	933	757	820	915	893	865
Deaths (except from Violence) at 60 yrs. & upwards	246	237	227	226	203	198	143	180	187	182	178
Bronchitis .....	70	62	66	59	38	47	30	43	40	33	32
Typhus.....	41	40	34	52	54	52	51	44	52	58	61
Purpura .....	5	1	2	1	2	3	3	..	3	2	2
Mean Temperature.....	45.5	48.1	49.1	50.1	58.4	63.4	62.3	54.4	56.0	57.8	61.3

DEATHS from Purpura or from Scurvy in LONDON;—					
YEARS	Quarters of 13 weeks each, ending in				Total in the Year
	March	June	Sept.	Dec.	
1842	3	5	4	4	16
1843	2	1	6	4	13
1844	5	3	7	6	21
1845	2	4	11	8	25
1846	5	9	9	5	28
1847	16	25			

DEATHS registered in LONDON, in corresponding series of weeks of eight years:—

No. of week..	23	24	25	26	27	28	29	Average of 7 weeks
1840	848	800	853	860	865	892	876	856
1841	854	778	783	779	779	785	780	791
1842	872	777	767	778	773	813	772	793
1843	873	980	910	873	886	782	815	867
1844	911	865	930	974	883	843	908	902
1845	851	857	815	842	814	788	878	835
1846	844	833	820	902	989	916	1068	910
Average of 7 yrs	865	841	840	858	848	831	871	851
1847	786	840	978	921	933	882	944	898

The mortality of Wandsworth and Clapham, and that of Lewisham and sub-district of Hampstead, are included in this table throughout the 8 years.

YEARS	Quarters of 13 weeks each, ending in				Total in the Year
	March	June	Sept.	Dec.	
1842	3	5	4	4	16
1843	2	1	6	4	13
1844	5	3	7	6	21
1845	2	4	11	8	25
1846	5	9	9	5	28
1847	16	25			

1	2	3	4
Specified	Deaths registered last week in London	Deaths which would have been registered if the rate of mortality had been the same as in Dorsetshire 1838-44	Excess of Mortality in London during the week
0-15	432	279	153
15-35	150	138	12
35-55	149	103	46
55 and upwards	213	164	49
All Ages	944	684	260

## EXTRACTS FROM THE METROPOLITAN RETURNS OF THE PREVIOUS WEEK, No. 28.

(The tabular abstract on the first page is for the week ending Saturday, July 17th. The following selection of cases is made from the returns for the week ending July 10th.)

### RETURNS OF VIOLENT DEATHS, MADE CHIEFLY BY CORONER.

NOTE.—The cases of violence not returned by the Coroner, have the words "no inquest."

Fractures and Contusions:—	duration	Fractures and Contusions (continued):—	duration	Drowning:—	duration
In St. Bartholomew's Hospital, bricklayer, 47, fracture of the skull, caused by an accidental fall from the roof of a house into the street about 1 hr.		Baker, 62, injuries received by being accidentally thrown from his cart .....	7 days	M. 22, accidentally drowned whilst bathing in the water of the River Lea.	
M. 72 (no inquest), broken rib from a fall—inflammation of the pleura, with effusion ..	4 days	In St. Bartholomew's Hos- { rupture of urethra pital, M. 40 (no inquest), { extravasation of urine.	*	M. 15, found dead in the water of the River Lea—how caused unknown.	
F. 2 (no inquest), convulsions, from concussion arising from a fall in a passage .....	7 days	Query—Was rupture caused by accident, or was it the result of disease?		Wife of a labourer, about 42, found dead in the River Thames.	
In St. Bartholomew's Hospital, daughter of a brewer's servant, 1, compound fracture of the left leg, caused by a piece of timber accidentally falling upon it—leg amputated 6 days	6 days	In University College Hospital, M. 95 (no inq.), fracture of finger, followed by inflammation of absorbent of the arm .....	*	Driver in the Royal Horse Artillery, 18, accidentally drowned in the River Thames, whilst bathing.	
In Westminster Hospital, clerk to a wine merchant, 62 (post mort.), shock and hæmorrhage—compound fracture of left thigh, from being knocked down and run over by a timber cart, drawn by one horse, on Westminster Bridge. The horse shied on to the foot pavement .....	37 hours	M. 8 (no inquest), injury of the spine—abscesses of the back .....	2 years	Hanging and Suffocation:—	
In Charing Cross Hospital, son of a shoemaker, 7, internal injuries from his having been run over by an omnibus—having run against the horses, when crossing the carriage road at Charing Cross.....	about 45 minutes	Wounds:—		M. about 55, suicide by hanging—found suspended by the neck to a tree in a field—no evidence of identity or state of mind.	
F. 1, bruises from the wheels of a phaeton passing over her loins accidentally .....	2 hours	In Charing Cross Hospital, brass finisher, 36, (post mort.)—stab with a table knife, which entered between 8th and 9th ribs, passing through left lung and diaphragm into the stomach. Fluid contents of the stomach escaped into the chest. Manslaughter against Mary Ann Granton, alias Mary Ann Maids, with whom he cohabited, (supposed to be his wife).....	33 hours	M. (newly born), post mort.—wilfully murdered at the birth, by strangulation by persons unknown.	
				Labourer, 22, suffocated on a limekiln through his own negligence.	
				Burns:—	
				In St. George's Hospital, M. 7 (no inquest), severe burn .....	1 month
				M. 82, { erysipelas of leg from burn (no inquest) { pneumonia .....	1 week

### FOURTEEN HOSPITALS.—CAUSES OF DEATHS (NOT VIOLENT) AS RETURNED BY THE MEDICAL OFFICERS.

NOTE.—Deaths in hospitals from fractures, wounds, burns, scalds, poison, are not contained in this list. See deaths by violence.

St. George's H.:—	duration	Middlesex H.:—No deaths registered.	duration	University College H. (continued):—	duration
M. 44, { painful ulcer of the leg .....	7 days			M. 32, { phthisis, hæmoptysis.....	10 days
{ amputation .....	5 days			{ pneumonia .....	5 days
{ sloughing phagedæna .....	*			F. 20, { suppressed cutaneous febrile dis- ease—subcutaneous hæmorrhage	8 days
F. 43, cancer of the stomach .....	*			{ variola .....	8 days
F. 27, consumption .....	*			{ strangulated phrenic hernia of colon .....	7 days
F. 36, consumption .....	*			M. 74, { fracture of 9th and 10th ribs ..	1 year pré- vious.
See Violent Deaths.				{ old firm adhesion of meso-colon to the point of fracture.	
Westminster H.:—See Violent Deaths.				See Violent Deaths.	
Charing Cross H.:—					
M. 68, disease of the bladder .....	*				
See Violent Deaths.					

FOURTEEN HOSPITALS.—CAUSES OF DEATH (NOT VIOLENT) AS RETURNED BY THE MEDICAL OFFICERS (continued).—

<p><b>Fever H.:</b>—  M. 40, { fever ..... 48 days            ulceration of intestines, producing            dysentery.            in hospital 55 days—from Mary-            le-bone.  M. 30, { fever ..... *            jaundice ..... *            cirrhosis of liver ..... *            enlarged spleen ..... *            in hospital 2 days—from White-            chapel.  <b>Small Pox H.:</b>—  M. 19, { small pox ..... 9 days            vaccinated when young—one very            small cicatrix.</p>	<p><b>King's College H.:</b>—  F. 59 (post mort.), chronic nephritis .....  F. 2, { rubella ..... 4 weeks            pertussis ..... 10 days  <b>St. Bartholomew's H.:</b>—  M. 57, chronic phthisis, and acute pleurisy .....  M. 41, pneumonia of the lung .....  M. 56 (inquest), natural from effusion of blood            on the brain .....  F. 57, erysipelas .....  F. 36, cancer mammae .....  <b>London H.:</b>—  F. 20, anasarca .....</p>	<p><b>St. Thomas' H.:</b>—  F. 26 (post mort.), granulated kidneys—albu-            minuria .....  M. 23, maculated typhus ..... 12 days            See Violent Deaths.  <b>Guy's H.:</b>—  M. 37 (post mort.), hydrocephalus ..... 6 days  F. 37, epilepsy—caries of frontal bone—chronic            inflammation of dura mater .....  F. 19, { paraplegia ..... 11 months            measles ..... 7 days from eruption  <b>Deadnought Hospital:</b>—No deaths registered.  <b>Royal Ordnance H.:</b>—  Gunnery, { 29, pneumonia ..... 7 days            of Royal ..... chronic catarrh ..... 4 months  Artillery, { 31, { disease of lungs ..... 3 months</p>
<p>DEATHS BY SMALL POX, TYPHUS, ETC., SYPHILIS, HÆMORRHAGE MALFORMATION, HERNIA, DIABETES, STONE, CHILDBIRTH, DELIRIUM TREMENS, INTemperance, PRIVATION, PURPURA, ETC.</p>	<p><b>Typhus, &amp;c. (continued):</b>—</p>	<p><b>Syphilis:</b>—</p>
<p><b>Small Pox:</b>—  M. 8 mon., small pox ..... 7 days  NOTE.—It should be stated in all cases whether vacci-            nation had been performed with effect.  F. 7 weeks, small pox (unprotected) ..... 10 days            varicella, confluent ..... 14 days  M. 6, { first attack—whether vaccinated not            ascertained.  F. 22, small pox ..... 14 days  M. 4 mon., small pox (not vaccinated) ..... 12 days  M. 8 mon., small pox (natural) ..... 10 days            small pox ..... 10 hours            anæmia ..... 10 hours            had been vaccinated about a month ago  F. 1, small pox (natural—not vaccinated) ..... 9 days  F. 12, confluent small pox (vaccinated) .....  M. 1, small pox .....  M. 1, { small pox ..... 8 days            vaccinated three times unsuccessfully.  M. 3, small pox (vaccinated 3 weeks ago            successfully) .....  M. 2, small pox (not vaccinated) .....  M. 5, small pox (vaccinated 3 weeks ago suc-            cessfully) .....  M. 9 mon., small pox (not vaccinated) .....  M. 5, confluent small pox (not vaccinated) .....  M. 6, small pox (not vaccinated) .....  M. 2, small pox ..... 14 days  M. 5 mon., small pox .....  M. 5, variola (confluent—natural, not vaccinated) 8 days  M. 2, small pox (vaccinated about 2 years ago) 14 days  M. 1, confluent small pox (not vaccinated) .....  M. 1, small pox (not vaccinated) ..... 14 days  M. 1, small pox (vaccinated without effect) ..... 1 week  M. 2, { small pox (vaccinated successfully when            3 months old) ..... 15 days            pneumonia ..... 3 days            small pox (natural) ..... 3 days  M. 6 mon., { no medical attendant.  M. 6, small pox (not vaccinated) ..... 14 days  M. 2, small pox (not vaccinated) ..... 7 days  M. 3, small pox (not vaccinated) ..... 7 days  M. 4, variola (confluent) ..... 11 days  See Small Pox and University College Hospitals.</p>	<p>HOLBORN; St. George the Martyr, and St. Andrew  West.  F. 24, typhus ..... 13 days            Saffron-hill.  M. 7, bilious fever, with inflammation of the            liver ..... 3 days  CLERKENWELL; Amwell.  F. 12 typhus ..... 1 week  ST. LUKE; City-road.  M. 42, { fever ..... 14 days            debility.  WEST LONDON; North  M. 28, { fever ..... 9 days            pneumonia ..... 7 days  CITY OF LONDON; North-east.  M. 68, typhus ..... 14 days            South-west.  M. 15, fever .....            South.  M. 5, fever ..... 18 days  SHOREDITCH; Holywell and Moorfields.  F. 58, typhus ..... 3 days  BETHNAL GREEN; The Town.  F. 2, synochus ..... 3 weeks  WHITECHAPEL; Mile-end New Town.  M. 1, fever ..... 1 week            North.  M. 59, synochus .....  M. 61, synochus .....  M. 54, typhoid synochus .....  M. 72, synochus .....  F. 34, typhus .....  M. 5, febris ..... Goodman's Fields.            Aldgate.  M. 58, typhus .....  ST. GEORGE IN THE EAST; St. Paul.  F. 10, typhus ..... 7 days            St. Mary.  F. 51, typhus ..... 14 days            St. John.  M. 23, fever and epilepsy .....  F. 54, typhus .....  ST. SAVIOUR; St. Saviour.  M. 65, fever .....  ST. OLAVE; St. John.  M. 26, { febris ..... 10 days            jaundice ..... 3 days  M. 30, febris ..... 3 weeks  F. 4, dropsy; chronic fever ..... 5 days  BERMONDSEY; St. James.  M. 3, fever—hydrocephalus internus ..... 3 days  F. 7 days, fever—thrush ..... 7 days  ST. GEORGE, Southwark; Kent-road.  M. 7, fever .....            Borough-road.  M. 60, fever with cerebral disease .....  ST. MARY, NEWINGTON; Trinity.  F. 5, fever—inflammation of the throat ..... 4 days  LAMBETH; Kennington (first part).  M. 30, { fever ..... 8 days            gastritis.  F. 45, fever ..... 17 days  ST. GILES, CAMBERWELL; Camberwell.  M. 36, typhoid fever from exhaustion .....  LEWISHAM; Village.  F. 19, { typhus ..... 13 days            diarrhoea ..... 3 days  See Hospital Returns.  Intermittent Fever:—  M. 4, intermittent fever .....</p>	<p>M. 44, { syphilitic cachexia ..... 10 years            exhausting diarrhoea ..... 1 month  M. 4 mon., congenital syphilis .....  M. 7 weeks, secondary syphilis ..... 4 weeks  <b>Hæmorrhage:</b>—  M. 42, rupture of a blood-vessel .....  <b>Malformation:</b>—            diarrhoea and atrophy ..... 3 weeks  M. 5 mon., { had been brought up without the                    breast, in consequence of hare-                    lip and deficient palate.  F. 3, spina bifida.  <b>Hernia:</b>—  F. 75, umbilical hernia ..... 1 week  M. 68, hernia, strangulated .....  F. 54, constipation—irreducible femoral hernia,                    5 or 6 years  M. 56, hernia, with mortification .....            See University College Hospital.  <b>Diabetes; Stone:</b>—  No deaths registered from either of these causes.  <b>Childbirth:</b>—The time elapsing from commencement            of labour to death should invariably be returned.  F. 27, puerperal fever ..... 4 days            confinement ..... 20 hours  F. 36, { convulsions .....            had been subject to convulsions for ..... years  F. 25, { childbirth ..... 15 days            puerperal peritonitis ..... 8 days  F. 34, { chronic inflammation of the womb .....            abortion ..... 4 months ago  F. 31, puerperal fever ..... 8 days  F. 32, flooding after delivery of 1st child, fol-            lowed by low bronchitis and pneumonia ..            (The Registrar adds "died 13 days after childbirth.")  F. 42, { childbirth ..... 7 hours            ruptured uterus with contracted peris            (the child dead).  F. 22, { childbirth ..... 11 days            puerperal fever ..... 3 days  <b>Scarlatina and Childbirth:</b>—  F. 24, { scarlatina ..... 8 days            childbirth ..... 4 days  <b>Delirium Tremens:</b>—  M. 34, delirium tremens .....  M. 27, { delirium tremens .....            dysentery ..... 17 days  <b>Intemperance:</b>—  F. 52, { intemperance .....            bronchitis ..... 4 days  <b>Privation:</b>—  F. 6 (inquest), natural debility—want of suf-            ficient nourishment, from want of means on            the part of the parents .....  <b>Want of Breast-milk:</b>—  M. 14 days, exhaustion—weakly at birth—            mother unable to suckle .....  F. 3 mon., atrophy from want of breast-milk ..... 2 months  F. 2, tubercular cachexia—abscess—from the            period of weaning.  <b>Purpura; Hæmatemesis:</b>—  No deaths registered from either of these causes.  F. 6, { scarlatina ..... 5 weeks            purpura hæmorrhagica ..... 1 week  <b>Miscellaneous Cases:</b>—  F. 45, ovarian and general dropsy ..... 8 months  M. 60, { paralysis from lead ..... 14 or 15 yrs.            diseased kidneys ..... 2 months  M. 50, { painter's paralysis .....            enlarged heart .....  F. 64, { prolapsus ani ..... 1 year            discharged on the 2nd inst. from Bar-            tholomew's Hospital incurable.  F. 30, cholera Asiatica ..... 4 days  F. 46, { cholera ..... 3 days            irritation of mucous membranes, and            ulceration with hæmorrhage ..... 19 days  BETHNAL GREEN; Town sub-district.  M. 1, tabes mesenterica from malaria.</p>

ANALYSIS OF CASES IN WHICH INQUESTS WERE HELD.—Violence, 14; apoplexy, 2; privation, 1; other specified causes, 3; "natural," "found dead," "visitation of God," &c. 4.—TOTAL, 24 cases.

THE NUMBER OF CASES in which it is recorded that a POST MORTEM EXAMINATION was made, is 40.

Week ending July 3d.

ANALYSIS OF CASES IN WHICH INQUESTS WERE HELD.—Violence, 65; apoplexy, 10; angina pectoris, 1; ossification of the heart, 3; other disease of the heart, 6; childbirth, 1; privation, 2; want of breastmilk, 1; intemperance, 3; other specified causes, 36; "natural death," "found dead," "visitation of God," &c. 30.—TOTAL, 158 cases.

THE NUMBER OF CASES in which it is recorded that a POST MORTEM EXAMINATION was made, is 57.

# METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH,

During the Week ending Saturday, 17th July, 1847.

Day.	—	1847	Phases of the Moon	Mean height of the barometer, from 12 Observations (corrected and reduced to 32 degrees Fahrenheit.)	Readings of Thermometers										Difference between the Dew Point Temperature and Air Temperature			Difference between the mean temperature of the day and the mean temperature of the same day on an average of 25 years	WIND						Mean Amount of Cloud, 0-10	Rain in inches, read at 9 o'clock the next morning																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
					Dry			Dew Point Mean from 12 12	Highest in the sun, as shown by a self-register- ing Thermometer	Lowest on the grass, as shown by a self-register- ing Thermometer	In the Water of the Thames at Greenwich, by the self- registering Thermometer, read at 9 o'clock next morning		Mean of 19 Diffs.	Greatest	Least	General Direction			Pressure in lbs. on the square foot		Amount of Horizontal Movement of the Air in each day																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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DAY	ELECTRICITY	Circumstances accompanying the exhibition of Electricity	GENERAL REMARKS
SUN.	Positive and tension moderate at each examination.		The sky was generally overcast with thin cirrostratus till about 7h. p.m., and cloudless during the remainder of the day.
MON.	Positive and tension generally weak till 9h. a.m. Tension strong during the remainder of the day.		The greater part of the sky was cloudless, but hazy throughout the day.
TUES.	Positive and tension moderate throughout the day.		The sky was mostly cloudless, but very hazy, particularly in the north, throughout the day, except from about noon till 6h. p.m., when detached cumuli covered one-half of the sky.
WED.	Nothing was shewn till 6h. a.m. Positive and tension strong from this time till 9h. p.m. Nothing was shewn during the remainder of the day.		Cloudless but hazy till 2h. a.m.; from 7h. till 10h. a.m.; and from 9h. p.m. till midnight. A thin cirrostratus and haze generally covered the sky at other times.
THURS.	Positive and tension generally strong, from 9h. a.m. till 10h. p.m. Nothing was shewn at any other times.		Cloudless but hazy till 2h. a.m., and from 1h. p.m. till 6h. p.m. At other times the sky was mostly covered with cirrostratus. A fog prevailed from 5h. to 7h. a.m.
FRID.	Positive and tension moderate from 9h. a.m. till 10h. p.m. Nothing was shewn at any other times.		Overcast till 4h. a.m. The greater portion of the sky was free from cloud during the remainder of the day.
SAT.	Negative and very active from 3h. 25m. a.m. till 4h. 10m. a.m. Sparks were frequent, and galvanic currents were shewn. Strong positive and occasionally negative from 9h. a.m. till noon. Sparks were frequent, and galvanic currents were shewn. Positive and tension moderate from this time till 10h. p.m. Nothing was shewn at any other times.	A thunder storm. Rain falling. Thunder heard in N.E., E. & S.E.	Overcast throughout the day. At 3h. 25m. a.m. a thunder storm occurred, which lasted till 4h. 15m. a.m. The thunder was heard mostly in the W. and N.W. Rain was falling very heavily during the storm. Rain was also falling from 9h. a.m. till 6h. 30m. p.m., between which times another thunder storm occurred; the thunder was heard in the N.W. and N., passing to the S.E.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The amount of clouds is estimated by considering a clear sky to be represented by 0, a cloudy sky by 10; and when partially cloudy by estimating the number of tenths of the whole sky covered with cloud. The observations are taken every two hours, day and night.

The readings of the two self-registering thermometers, the one placed in the full rays of the sun, and the other placed on grass fully exposed to the sky, are taken every morning at 9 A.M., and therefore exhibit the highest and lowest readings respectively, that have occurred in the previous 24 hours. They are, however, placed here opposite to the civil day which precedes that on which the thermometers are read.

Whewell's anemometer (from the indications of which the estimation of horizontal movement is made) is read at 10 A.M., and the result given is for the 24 hours preceding. It is placed here opposite to the civil day, which precedes that on which the anemometer is read.

The average temperature for 25 years is furnished by Mr. Henry, Assistant at the Royal Observatory, from the observations made at his residence in the neighbourhood of Greenwich Park.

\* In reading the 16th column, it will be borne in mind that + is read "higher," and - "lower," than the average.

The temperature of the water of the Thames is ascertained by the use of a self-registering thermometer, suspended from the side of the Dreadnought Hospital Ship, at the depth of about 2 feet below the surface. The readings of this instrument are registered under the superintendence of Lieutenant Sanders, R.N., Superintendent of the Dreadnought. The mean reading of a thermometer placed on the mainmast, and read each day at 6h. 30m. A.M., was 64.8; and the mean reading at 7h. 30m. P.M., was 72.4; the mean readings at the Royal Observatory for the same times were 63.7 and 71.8 respectively.

+ The mean direction of the wind for the week for the first two days was W.S.W.; the air was principally calm during the three following days, and the direction was E. & N. on the two remaining days.

Births and Deaths registered in London,

During the Week ending Saturday, July 24th, 1847.

ANNUAL SERIES VIII.]

PUBLISHED BY AUTHORITY OF THE REGISTRAR GENERAL.

[No. 30.

Causes of Death	Age			Total	Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population 5 Summers	Causes of Death.	Age			Total	Weekly Average derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population 5 Summers
	0 to 15	15 to 60	60 and upwards				0 to 15	15 to 60	60 and upwards		
ALL CAUSES.....	442	289	170	*905	940	IV.—Laryngitis .....	..	..	..	..	1
SPECIFIED CAUSES .....	442	289	170	*905	935	Quinsey .....	1	..	..	1	2
I.—Zymotic Diseases .....	176	41	24	241	226	Bronchitis .....	5	8	11	24	12
SPORADIC DISEASES—						Pleurisy .....	..	2	..	2	2
II.—Dropsy, Cancer, and other Diseases of uncertain or variable Seat .....	76	12	28	116	103	Pneumonia .....	14	11	3	28	46
III.—Diseases of the Brain, Spinal Marrow, Nerves and Senses ..	77	31	18	*127	157	Hydrothorax .....	..	2	2	4	3
IV.—Diseases of the Lungs, and of the other Organs of Respiration }	40	124	38	202	226	Asthma .....	..	4	9	13	8
V.—Diseases of the Heart and Blood-vessels .....	5	16	7	*29	25	Phthisis (or Consump- tion) .....	18	95	7	120	142
VI.—Diseases of the Stomach, Liver, and other Organs of Digestion }	55	26	14	95	94	Disease of Lungs, &c. ....	2	2	6	10	11
VII.—Diseases of the Kidneys, &c. ....	1	5	2	8	8	V.—Pericarditis.....	1	..	..	1	1
VIII.—Childbirth, Diseases of the Uterus, &c. ....	1	16	..	17	10	Aneurism .....	..	..	..	..	.8
IX.—Rheumatism, Diseases of the Bones, Joints, &c. ....	2	3	..	5	7	Disease of Heart, &c. ....	4	16	7	*28	23
X.—Diseases of the Skin, Cellular Tissue, &c. ....	..	..	2	2	2	VI.—Teething.....	8	..	..	8	19
XI.—Old Age .....	..	..	34	34	50	Gastritis .....	..	..	1	1	24
XII.—Violence, Privation, Cold and Intemperance .....	9	15	3	*29	28	Enteritis .....	14	2	1	17	2
I.—Small Pox .....	24	1	..	25	14	Peritonitis .....	..	3	1	4	15
Measles .....	34	..	..	34	28	Tabes Mesenterica.....	25	..	..	25	.6
Scarlatina .....	17	..	1	18	39	Worms .....	3	..	..	3	2
Whooping Cough .....	15	..	..	15	23	Ascites .....	..	2	1	3	3
Croup .....	5	..	..	5	6	Ulceration (of Intestines, &c.).....	1	1	..	2	3
Thrush .....	8	..	..	8	9	Hernia .....	..	3	1	4	2
Diarrhoea.....	49	..	7	56	55	Colic or Ileus .....	1	..	..	1	3
Dysentery .....	5	2	1	8	6	Intussusception .....	..	..	..	..	.5
Cholera .....	3	..	..	3	7	Stricture (of the Intestinal Canal) .....	..	..	..	..	.6
Influenza .....	..	..	..	..	.8	Hæmatemesis.....	..	1	..	1	.9
Ague .....	..	..	..	..	.3	Disease of Stomach, &c. ..	1	1	2	4	7
Remittent Fever.....	1	..	..	1	.7	Disease of Pancreas .....	..	1	..	1	..
Typhus .....	12	33	12	57	30	Hepatitis .....	..	1	..	1	3
Erysipelas .....	3	4	3	10	5	Jaundice .....	2	2	1	5	3
Syphilis .....	..	1	..	1	1	Disease of Liver, &c. ....	..	9	5	14	10
Hydrophobia .....	..	..	..	..	..	Disease of Spleen.....	..	..	1	1	.2
II.—Hæmorrhage .....	..	..	1	1	3	VII.—Nephritis.....	..	..	..	..	.4
Dropsy .....	2	1	10	13	23	Ischuria .....	..	..	..	..	..
Abscess .....	1	..	..	1	2	Diabetes .....	1	..	..	1	.6
Noma .....	1	..	..	1	.2	Cystitis .....	..	..	1	1	.3
Mortification .....	..	..	2	2	3	Stone .....	..	..	1	1	.6
Purpura .....	..	..	..	..	.6	Stricture (of the Urethra) ..	..	1	..	1	1
Scrofula .....	2	1	..	3	4	Disease of Kidneys, &c. ..	..	4	..	4	5
Cancer .....	1	6	11	18	12	VIII.—Childbirth .....	..	12	..	12	6
Tumour .....	..	..	..	..	.9	Paramenia .....	1	1	..	2	.3
Gout .....	..	..	..	..	.9	Ovarian Dropsy .....	..	1	..	1	.5
Atrophy .....	33	1	2	36	20	Disease of Uterus, &c. ....	..	2	..	2	3
Debility .....	29	..	..	29	22	IX.—Arthritis .....	..	..	..	..	..
Malformations .....	6	..	..	6	2	Rheumatism .....	..	3	..	3	3
Sudden Deaths (including Coroners' Inquests, in which it is not shewn from what diseases or causes the persons died.)	1	3	2	6	9	Disease of Joints, &c. ....	2	..	..	2	4
III.—Cephalitis .....	8	3	..	11	13	X.—Carbuncle .....	..	..	..	..	.1
Hydrocephalus .....	34	..	..	*35	37	Phlegmon .....	..	..	..	..	.2
Apoplexy .....	1	8	9	18	18	Ulcer .....	..	..	2	2	.4
Paralysis .....	..	10	6	16	15	Fistula.....	..	..	..	..	.3
Convulsions.....	32	..	..	32	54	Disease of Skin, &c.....	..	..	..	..	.6
Tetanus .....	..	..	..	..	.4	XI.—Old Age .....	..	..	34	34	50
Chorea .....	..	..	..	..	.1	XII.—Intemperance .....	..	..	..	..	1
Epilepsy .....	..	3	..	3	5	Privation.....	1	..	..	1	.4
Insanity .....	..	2	..	2	1	Violent Deaths .....	8	15	3	*28	27
Delirium Tremens.....	..	1	..	1	3	Causes not Specified .....	..	..	..	..	5
Disease of Brain, &c. ....	2	4	3	9	10						

Weekly Average derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population		Males .....	479	Deaths registered in the Week	Males .....	477	Births registered in the Week	Males .....	635
		Females .....	461		Females .....	428		Females .....	575
		Total	940		Total..	905		Total..	1210

\* The ages of four persons, whose deaths are in two cases ascribed to violence, and in the remaining, to hydrocephalus and disease of the heart respectively, are not stated.

DISTRICTS OF LONDON, Comprising 135 Registrars' Districts.		Area in square Miles	Population Enume- rated in 1841	Weekly Average derived from Deaths of 1842-6, and corrected for increase of Population 5 Summers	DEATHS registered in the Week	BIRTHS registered in the Week
WEST DISTRICTS	{ Kensington; Chelsea; St. George, Hanover-square; Westminster; St. Martin in the Fields; St. James .....	17.2	301,326	137	153	191
NORTH DISTRICTS	{ St. Marylebone; St. Pancras; Islington; Hackney; part of Edmonton, viz. Hampstead	20.5	376,396	175	193	233
CENTRAL DISTRICTS	{ St. Giles and St. George; Strand; Holborn; Clerkenwell; St. Luke; East London; West London; City of London .....	2.8	374,759	173	137	201
EAST DISTRICTS	{ Shoreditch; Bethnal Green; Whitechapel; St. George in the East; Stepney; Poplar .....	8.8	393,247	212	190	276
SOUTH DISTRICTS	{ St. Saviour; St. Olave; Bermondsey; St. George, Southwark; Newington; Lambeth; Wandsworth and Clapham; Camberwell; Rotherhithe; Greenwich; Lewisham }	66.2	502,483	244	232	309
TOTALS .....		115.5	1,948,211	940	905	1210

Births and Deaths not caused by Violence, registered in the Metropolis in the last 13 weeks, with the Mean Temperature for the same periods.

	1st May	8th May	15th May	22nd May	29th May	5th June	12th June	19th June	26th June	3rd July	10th July	17th July	24th July
BIRTHS .....	1276	1259	1327	1267	1273	1325	1177	1178	1355	1277	1199	1182	1210
DEATHS (except from Violence) .....	969	973	949	882	933	757	820	915	893	865	861	925	877
Deaths (except from Violence) at 60 yrs. & upwards .....	237	227	226	203	198	143	180	187	182	178	173	178	167
Bronchitis .....	62	66	59	38	47	30	43	40	33	32	26	28	24
Typhus .....	40	34	52	54	52	51	44	52	58	61	52	64	57
Purpura .....	1	2	1	2	3	3	0	3	2	2	0	3	0
Mean Temperature .....	48.1	49.1	56.1	58.4	63.4	62.3	54.4	56.0	57.8	61.3	65.5	70.2	63.1

DEATHS from Purpura or from Scurvy in LONDON;—

DEATHS registered in LONDON, in corresponding series of weeks of eight years:—

No. of week..	24	25	26	27	28	29	30	Average of 7 weeks
1840	800	853	860	865	892	876	854	857
1841	778	783	779	779	785	780	802	784
1842	777	767	778	773	813	772	910	799
1843	980	910	873	836	782	815	771	853
1844	865	930	974	883	843	908	1078	926
1845	857	815	842	814	788	878	884	840
1846	833	820	902	989	916	1068	1018	935
Average of 7 yrs	841	840	858	848	881	871	908	856
1847	840	978	921	933	882	944	905	915

The mortality of Wandsworth and Clapham, and that of Lewisham and sub-district of Hampstead, are included in this table throughout the 8 years.

YEARS	Quarters of 13 weeks each, ending in				Total in the Year
	March	June	Sept.	Dec.	
1842	3	5	4	4	16
1843	2	1	6	4	13
1844	5	3	7	6	21
1845	2	4	11	8	25
1846	5	9	9	5	28
1847	16	25			

1	2	3	4
Specified Ages	Deaths registered last week in London	Deaths which would have been registered if the rate of mortality had been the same as in Dorsetshire 1838-44	Excess of Mortality in London during the week
0-15	442	279	163
15-35	132	138	-6
35-55	125	103	22
55 and upwards	202	164	38
All Ages	905	684	221

## EXTRACTS FROM THE METROPOLITAN RETURNS OF THE PREVIOUS WEEK, No. 29.

(The tabular abstract on the first page is for the week ending Saturday, July 24th. The following selection of cases is made from the returns for the week ending July 17th.)

### RETURNS OF VIOLENT DEATHS, MADE CHIEFLY BY CORONER.

NOTE.—The cases of violence not returned by the Coroner, have the words "no inquest."

Fractures and Contusions:—	duration	Drowning:—	duration	Hanging and Suffocation:—	duration
Brewer's servant, 49, accidental death by a fall from a wagon, and broken ribs .....	7 months	Plasterer, 33, drowned himself—insane.		Shoemaker, 64, suicide by hanging himself from a bedpost (being in a state of mental derangement) .....	3 hours
M. 67 (no inquest), fractured thigh .....	2 months	Labourer to a gardener, 13, drowning—not known how he came into the water—but had suddenly disappeared after detection in a fraud.		M. 46, suicide by hanging himself to a bedpost (being of unsound mind).	
It should be stated in all cases how injury was caused.		M. 18, cast himself into the water of the River Lea, in a temporary state of insanity.		M. 66, accidentally choked with beef and pudding .....	*
M. 81, { fractured leg. .... 2 months		Tailor, 62, found dead without marks of violence in the Regent's Canal—apparently drowned.		Burns and Scalds:—	
(no inquest) { sloughing .....	2 weeks	Waterman, 24, brain fever, resulting from accidental immersion in the River Thames, by a steamboat coming in collision with a wherry, wherein deceased was .....	*	Son of a labourer, 4 (no inquest), burns on the neck, chest, stomach, and upper extremities, from his clothes taking fire accidentally ..	4 months
F. 4, { irritative fever .....	2 weeks			convulsions .....	3 weeks
(no inquest) { spinal injury, cervical .....	9 months			F. 3 (no inquest), scalded throat .....	4 days
(no inquest) { paralysis .....	*			Poison:—	
Wounds:—		M. 12, drowned by accidentally falling off a barge into the River Thames (under water 2½ hours).		Daughter of a leather-dyer, 1, inflammation of the mouth and throat, by drinking spirits of hartshorn accidentally .....	3 days
F. 50 (no inquest), punctured wound of the abdomen, penetrating the thorax .....	*			F. 6 mon., accidental by the administration of a quantity of syrup of poppies, accidentally supplied for syrup of buckthorn .....	*
M. 59, { incised wound .....	*				
(no inquest) { erysipelas .....	5 days				
(no inquest) { inflammation of head and throat.					

### THIRTEEN HOSPITALS.—CAUSES OF DEATHS (NOT VIOLENT) AS RETURNED BY THE MEDICAL OFFICERS.

NOTE.—Deaths in hospitals from fractures, wounds, burns, scalds, poison, are not contained in this list. See deaths by violence.

St. George's H.:—	duration	Charing Cross H.:—No deaths registered.	duration	Small Pox H.:—	
M. 30, { aneurism of the ascending aorta. . . about 2 years		Middlesex H.:—		{ smallpox, confluent .....	*
(p. m.) { phthisis pulmonalis .....	*	M. 3, croup .....	12 hours	F. 48, { vaccinated in early life at Hatfield; two large smooth cicatrices.	*
M. 25, abscess of the back .....	*	M. 68, stone in the bladder .....	*	F. 4, smallpox, confluent (unprotected) .....	*
M. 35, { malignant ulceration of the uterus	*	F. 62, ascites .....	*	M. 3 months, smallpox, confluent (unprotected)	*
(p. m.) { and vagina .....	*	F. 52, phthisis .....	*	King's College H.:—	
{ congestion of lungs.				M. 89, phthisis .....	7 months
F. 20, consumption .....	*	University College H.:—No deaths registered.		St. Bartholomew's H.:—	
Westminster H.:—		Fever H.:—		M. 67, purpura and disease of the liver .....	*
M. 63, fever .....	3 weeks	M. 52, { bronchitis .....	long standing	M. 38, fever .....	*
M. 32, typhus, petechiæ .....	24 days	{ from East London Union.		M. 33, exhaustion consequent upon a long-continued and profuse suppuration in the gluteal region .....	*
M. 31, phthisis pulmonalis .....	—months	{ fever .....	about 14 days	M. 24, hæmoptysis—phthisis .....	*
F. 23, fever .....	*	M. 17, { inflammation of the arachnoid and pia mater of the convex surface of the brain—in hospital 11 days.		M. 86, purpura and disease of the liver .....	*
F. 50, typhus .....	21 days	(p. m.) {		F. 19, phthisis .....	*
M. 66, phthisis pulmonalis .....	—months	{ dysentery .....	long standing	F. 8, ulceration of intestines—tubercular disease of the mesentery .....	*
F. 57, profuse epistaxis supervening great chronic disease of central arteries and aorta; and central congestion .....	10 days	M. 29, { scrofulous peritonitis & pleuritis, from St. Pancras—in hospital 22 days.			

THIRTEEN HOSPITALS.—CAUSES OF DEATH (NOT VIOLENT) AS RETURNED BY THE MEDICAL OFFICERS (continued).—

London H.:		Guy's H.:		Dreadnought H.:	
M. 29, paralysis	18 months	M. 40, (p.m.) aneurismal dilatation of aorta	6 months	M. 35, { typhus with copious eruption	3 weeks
M. 29, abscesses	*	M. 64, malignant melanosis	*	M. 35, { hemiplegia (right)	65 hours
M. 6, diseased spine	*	M. 14, { caries of occipital bone	12 weeks	M. 35, { softening of the left corpus striatum,	
M. 54, hernia	*	(p.m.) { encephalitis	5 days	and middle lobe of brain.	
St. Thomas' H.:		M. 65, { calculus	*	M. 35, { febrile symptoms at sea	7 weeks
M. 9, suppression of urine after scarlatina	*	M. 65, { lithotomy	*	M. 35, { acute dysentery	11 days
M. 26, fever	14 days	F. 29, { sloughing and peritonitis	*	{ syphilitic ulceration of the throat	4 months
M. 43, apoplexy	5 hours	(p.m.) { acute rheumatism	*	urgent dyspnoea, laryngotomy	30 days
M. 27, typhus	14 days	{ sloughing on sacrum and trochanters	*	M. 32, { unable to swallow—fed by the naso-	
M. 41, { chronic peritonitis	5 months	{ gastro-enteritis	*	phageal tube	24 days
{ stricture of colon		F. 28, { malignant disease of the skin of left leg	3 months	double pneumonia	5 or 6 days
		{ malignant disease of pleurae		necrosis of the thyroid cartilage	
		{ hydrothorax—bronchitis	10 days		
DEATHS BY SMALL POX, TYPHUS, ETC., SYPHILIS, HÆMORRHAGE MALFORMATION, HERNIA, DIABETES, STONE, CHILDBIRTH, DELIRIUM TREMENS, INTEMPERANCE, PRIVATION, PURPURA, ETC.					
Small Pox:		Typhus, &c. (continued):		Syphilis:	
Note.—It should be stated in all cases whether vaccination had been performed with effect.		CITY OF LONDON; South.		M. 5 mon., syphilitic symptoms	from birth
				M. 11 days, syphilis—atrophy	from birth
				See Return of Dreadnought Hospital.	
		South-east.		Hæmorrhage:	
				M. 31, (ing.) natural death—sudden from rupture of a bloodvessel	*
				M. 1 hour, hæmorrhage	1 hour
		SHOREDITCH; Haggerstone, West.		Malformation:	
				A child (sex doubtful) 1 hour, malformation (no sexual organs)—imperforate anus.	
				M. 13 days (post mort.) imperforate rectum.	
		BETHNAL GREEN; The Green.		M. 1, { congenital pulmonary deformity	from birth
				M. 24, malformed brain—imbecility—generally deficient power.	
		The Town.		Hernia:	
				F. 56, { strangulated umbilical hernia	*
				{ operation	16 hours
				F. 78, hernia—fever	5 weeks
				M. 3 days, strangulated intestines	*
				See Return of London Hospital.	
		WHITECHAPEL; Mile-end, New Town.		Diabetes;—No deaths registered from this cause.	
				Stone:	
				M. 62, { urinary and biliary calculi	14 days
				{ jaundice	*
				See Returns of Middlesex and Guy's Hospitals.	
		F. 4, { fever	*	Childbirth:—The time elapsing from commencement of labour to death should invariably be returned.	
		F. 2, fever—diarrhoea	*	F. 42, { parturition	4 days
				{ peritonitis	
				F. 36, { labour	*
				{ flooding	9 hours
				F. 38, { childbirth—metria—peritonitis	*
				{ femoral hernia	of long standing
				Disease, hæmorrhage from the womb, &c.:	
				F. 41, { hypertrophy of the heart and chronic	
				{ bronchitis	3 years
				{ confinement	7 weeks
				F. 46, hæmorrhage from the womb	9 months
				Delirium Tremens; Intemperance; Privation:—	
				No deaths registered from any of these causes.	
				Want of Breast-milk:	
				F. 4 mon., exhaustion from being brought up by hand	*
				M. 6 wks, anæmia from dry nursing	from birth
				F. 3 mon., { asthma	from birth
				{ wasting away from want of the	
				mother's milk	2 months
				F. 3 mon., atrophy from want of breastmilk	*
				Purpura:	
				M. 10 mon., { pneumonia	6 weeks
				(post mort.) { purpura	1 week
				See Return of St. Bartholomew's Hospital.	
				Hæmatemesis:	
				F. 53, hæmatemesis	*
				M. 60, hæmatemesis	10 days
				F. 64, hæmatemesis—gradual anæmia (confined to bed 3 weeks)	*
				Miscellaneous Causes:	
				M. 33 (inquest), phthisis and inflammation of the pleura, and disease of the heart, during which he was sent to prison for 21 days, and hard labour, for refusing to work at the Kensington Workhouse. Died 6 weeks after coming out of the House of Correction.	
				{ obstruction of the bowels, with peritonitis	3 days
				{ old adhesion of the colon—adhesion of the vermiform process to the fundus of the uterus—disease of the right ovary—recent adhesions of the omentum.	
				{ obstruction of the bowels	9 days
				{ resulting from previous inflammation.	
				{ strangulation caused by a fibrous band, encircling the bowels.	
				{ gallstone impacted in appendix cæci.	*
				{ vermiformis	34 hours
				{ peritonitis	
				{ malignant stricture of the œsophagus	about 2 years
				{ phagrus	
				{ perforation of the trachea, with extensive bronchitis	16 days
				{ medullary sarcoma of the testicle, terminating in fungus homatodes	probably 2 years
				{ phthisis	2 years
				{ pneumothorax occurred, and caused death in	an hour or less

ANALYSIS OF CASES IN WHICH INQUESTS WERE HELD.—Violence, 12; disease of the heart, 2; other specified causes, 9; "natural death," "visitation of God," "found dead," &c., 4.—TOTAL, 27 cases.

THE NUMBER OF CASES in which it is recorded that a POST MORTEM EXAMINATION was made, is 28.

# METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH,

During the Week ending Saturday, 24th July, 1847.

Day.	Phases of the Moon	Mean height of the Barometer, from 12 Observations, (corrected and reduced to 32 degrees Fahrenheit.)	Readings of Thermometers										Difference between the Dew Point Temperature and Air Temperature			WIND							Mean Amount of Cloud, 0-10	Rain in inches, read at 9 o'clock the next morning
			Dry			Dew Point	Highest in the sun, as shown by a self-register- ing Thermometer	Lowest on the grass, as shown by a self-register- ing Thermometer	In the Water of the Thames at Greenwich, by the self- registering Thermometer, read at 9 o'clock next morning		Mean of 12 Diffs.	Greatest	Least	Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 25 years	General Direction		Pressure in lbs. on the square foot		Amount of Horizontal Movement of the Air in each day					
			High- est from 12 Obs.	Low- est from 12 Obs.	Mean from 12 Obs.	Mean from 12 Rits			Highest	Lowest					A.M.	P.M.	Greatest	Least		Mean of 12 Obs.				
JULY,		in.	°	°	°	°	°	°	°	°	°	°	°	°	°	N.	E.S.E. and Calm.	lbs.	lbs.	lbs	Miles			
SUN.	18	Apogee.					88.5	39.0	73.0	68.5								0.0	0.0	0.0	90	7.0	0.00	
MON.	19		29.807	68.8	50.5	60.4	52.8	78.8	45.0	72.0	67.8	7.6	14.4	0.4	- 2.4	Calm	Calm	0.0	0.0	0.0	50	8.7	0.02	
TUES.	20	First Quarter.	29.745	74.3	55.2	65.0	55.7	94.4	53.0	71.8	67.2	9.3	17.6	2.7	+ 2.7	Calm and N. by W.	N. by W. and Calm	0.0	0.0	0.0	35	9.3	0.00	
WED	21		29.777	74.0	59.5	65.7	58.3	90.0	53.0	71.5	67.8	7.4	16.0	1.8	+ 3.1	Calm and S.W.	S.S.W.	0.0	0.0	0.0	160	7.4	0.00	
THU.	22		29.940	70.6	56.5	64.0	56.1	90.0	38.0	70.8	67.2	7.9	18.9	1.6	+ 2.8	S.S.W.	W.S.W.	3.0	0.0	0.1	135	6.7	0.00	
FRI.	23		30.096	71.4	50.5	60.9	50.4	87.0	37.2	70.5	67.0	10.5	20.6	1.2	- 1.3	S. W. and W. by N.	N. and Calm	0.0	0.0	0.0	50	3.3	0.00	
SAT.	24		29.972	76.5	47.5	62.6	51.5	74.0	45.5	70.2	66.5	11.1	22.1	1.3	0.0	Calm	Calm	0.0	0.0	0.0	30	5.7	0.00	
MEANS			29.890	72.6	53.3	63.1	54.1	86.1	44.4	71.4	67.4	9.0	18.3	1.5	+ 0.8	†					Sum 550	6.9	Sum 0.02	

DAY	ELECTRICITY	Circumstances accompanying the exhibition of Electricity	GENERAL REMARKS
SUN.	Positive and tension moderate at each examination.		Generally overcast till the evening, when the clouds cleared off.
MON.	Nothing was shewn till 8h. a.m. Positive and tension moderate during the remainder of the day.		The sky was about one-half covered with cloud till 3h. a.m., and overcast during the remainder of the day. Fine rain was falling occasionally at about noon. Sheet lightning was frequently visible till 4h. a.m.
TUES.	Positive and tension generally strong throughout the day.		About two-thirds of the sky were covered with cloud till 3h. a.m. Overcast with cumulostrati, thin cirrostratus and scud during the remainder of the day. A faint solar halo was visible at about 10h. a.m. and 5h. p.m.
WED.	Positive and tension generally weak throughout the day.		Overcast till 5h. p.m. Detached cumuli, cirri, and light clouds covered about one-fifth of the sky during the remainder of the day.
THURS.	Nothing was shewn till 2h. p.m. Positive and tension moderate during the rest of the day.		Generally overcast till 5h. p.m., but nearly cloudless during the remainder of the day. Fine rain was falling occasionally during the morning.
FRI.	Positive and tension strong throughout the day.		Cumuli, cirrostratus, and scud covered about one-half of the sky from 5h. a.m. till about 8h. p.m. At other times it was cloudless.
SAT.	Positive and tension strong throughout the day.		Mostly cloudless till 5h. a.m. Cumulostrati, cirrostratus, and fleecy clouds generally covered the sky during the remainder of the day. A faint solar halo was occasionally visible from 5h. till 5h. 30m. p.m., and a perfect lunar halo was seen at about 10h. 30m. p.m.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The amount of clouds is estimated by considering a clear sky to be represented by 0, a cloudy sky by 10; and when partially cloudy by estimating the number of tenths of the whole sky covered with cloud. The observations are taken every two hours, day and night.

The readings of the two self-registering thermometers, the one placed in the full rays of the sun, and the other placed on grass fully exposed to the sky, are taken every morning at 9 A.M., and therefore exhibit the highest and lowest readings respectively, that have occurred in the previous 24 hours. They are, however, placed here opposite to the civil day which precedes that on which the thermometers are read.

Whewell's anemometer (from the indications of which the estimation of horizontal movement is made) is read at 10 A.M., and the result given is for the 24 hours preceding. It is placed here opposite to the civil day, which precedes that on which the anemometer is read.

The average temperature for 25 years is furnished by Mr. Henry, Assistant at the Royal Observatory, from the observations made at his residence in the neighbourhood of Greenwich Park.

\* In reading the 16th column, it will be borne in mind that + is read "higher," and — "lower," than the average.

The temperature of the water of the Thames is ascertained by the use of a self-registering thermometer, suspended from the side of the Dreadnought Hospital Ship, at the depth of about 2 feet below the surface. The readings of this instrument are registered under the superintendence of Lieutenant Sanders, R.N., Superintendent of the Dreadnought. The mean reading of a thermometer placed on the mainmast, and read each day at 6h. 30m. A.M., was 59.1; and the mean reading at 7h. 30m. P.M., was 66.8; the mean readings at the Royal Observatory for the same times were 57.4 and 65.7 respectively.

† The direction of the wind for the week has been variable.

# Births and Deaths registered in London,

During the Week ending Saturday, July 31st, 1847.

ANNUAL SERIES VIII.]

PUBLISHED BY AUTHORITY OF THE REGISTRAR GENERAL.

[No. 31.]

Causes of Death	Age			Total	Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population 5 Summers	Causes of Death.	Age			Total	Weekly Average derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population 5 Summers
	0 to 15	15 to 60	60 and upwards				0 to 15	15 to 60	60 and upwards		
ALL CAUSES.....	516	291	156	*964	940	IV.—Laryngitis .....	..	..	1	1	1
SPECIFIED CAUSES.....	515	291	155	*962	935	Quinsey .....	..	1	1	1	2
I.—Zymotic Diseases .....	232	39	30	301	226	Bronchitis .....	5	5	12	22	12
SPORADIC DISEASES—						Pleurisy .....	..	1	..	1	2
II.—Dropsy, Cancer, and other Diseases of uncertain or variable Seat .....	81	23	18	122	103	Pneumonia .....	22	5	4	31	46
III.—Diseases of the Brain, Spinal Marrow, Nerves and Senses ..	88	31	16	135	157	Hydrothorax .....	..	..	2	2	3
IV.—Diseases of the Lungs, and of the other Organs of Respiration ..	48	116	32	196	226	Asthma .....	..	3	3	6	8
V.—Diseases of the Heart and Blood-vessels .....	2	10	11	23	25	Phthisis (or Consumption) ..	19	100	6	125	142
VI.—Diseases of the Stomach, Liver, and other Organs of Digestion ..	47	26	9	82	94	Disease of Lungs, &c.....	2	2	3	7	11
VII.—Diseases of the Kidneys, &c.....	..	9	4	13	8	V.—Pericarditis.....	..	..	..	..	1
VIII.—Childbirth, Diseases of the Uterus, &c. ....	..	9	..	9	10	Aneurism .....	..	1	..	1	.8
IX.—Rheumatism, Diseases of the Bones, Joints, &c.....	7	2	..	9	7	Disease of Heart, &c. ....	2	9	11	22	23
X.—Diseases of the Skin, Cellular Tissue, &c. ....	1	2	1	4	2	VI.—Teething.....	8	..	..	8	19
XI.—Old Age .....	..	..	33	33	50	Gastritis .....	..	..	..	..	24
XII.—Violence, Privation, Cold and Intemperance .....	9	24	1	*35	28	Enteritis .....	8	2	1	11	2
I.—Small Pox .....	23	2	..	25	14	Peritonitis .....	..	1	2	3	2
Measles .....	44	..	..	44	28	Tabs Mesenterica.....	18	..	..	18	15
Scarlatina .....	14	2	..	16	39	Worms .....	2	..	..	2	.6
Whooping Cough .....	16	..	..	16	23	Ascites .....	..	..	1	1	2
Croup .....	2	..	..	2	6	Ulceration (of Intestines, &c.) ..	3	1	1	5	3
Thrush .....	7	..	..	7	9	Hernia .....	..	2	..	2	2
Diarrhoea .....	96	3	12	111	55	Colic or Ileus .....	..	2	1	3	3
Dysentery .....	5	1	1	7	6	Intussusception .....	2	..	..	2	.5
Cholera .....	4	3	..	7	7	Stricture (of the Intestinal Canal) ..	..	2	..	2	.6
Influenza .....	..	..	1	1	.8	Hæmatemesis.....	..	..	1	1	.9
Ague .....	1	..	..	1	.3	Disease of Stomach, &c. ....	3	5	..	8	7
Remittent Fever.....	1	..	..	1	.7	Disease of Pancreas .....	..	..	..	..	..
Typhus .....	17	23	14	54	30	Hepatitis .....	1	3	..	4	3
Erysipelas .....	2	4	2	8	5	Jaundice .....	2	2	..	4	3
Syphilis .....	..	1	..	1	1	Disease of Liver, &c. ....	..	6	2	8	10
Hydrophobia .....	..	..	..	..	..	Disease of Spleen.....	..	..	..	..	.2
II.—Hæmorrhage .....	..	1	1	2	3	VII.—Nephritis.....	..	..	..	..	.4
Dropsy .....	2	7	7	16	23	Ischuria .....	..	..	..	..	..
Abscess .....	1	..	1	2	2	Diabetes .....	..	1	1	1	.6
Noma .....	..	1	1	2	.2	Cystitis .....	..	1	..	1	.3
Mortification .....	..	1	..	1	3	Stone .....	..	1	..	1	.6
Purpura .....	4	..	..	4	.6	Stricture (of the Urethra) ..	..	..	..	..	1
Scrofula .....	6	1	..	7	4	Disease of Kidneys, &c. ....	..	7	3	10	5
Cancer .....	..	7	4	11	12	VIII.—Childbirth .....	..	4	..	4	6
Tumour .....	..	..	..	..	.9	Paramenia .....	..	..	..	..	.3
Gout .....	..	..	..	..	.9	Ovarian Dropsy .....	..	1	..	1	.5
Atrophy .....	42	1	2	45	20	Disease of Uterus, &c. ....	..	4	..	4	3
Debility .....	18	3	..	21	22	IX.—Arthritis .....	..	1	..	1	..
Malformations .....	4	..	..	4	2	Rheumatism .....	1	1	..	2	3
Sudden Deaths (including Coroners' Inquests, in which it is not shewn from what diseases or causes the persons died.)	1	1	2	7	9	Disease of Joints, &c. ....	6	..	..	6	4
III.—Cephalitis .....	7	4	..	11	13	X.—Carbuncle .....	..	..	..	..	1
Hydrocephalus .....	25	1	..	26	37	Phlegmon .....	1	..	..	1	.2
Apoplexy .....	3	10	9	22	18	Ulcer .....	..	2	1	3	.4
Paralysis .....	..	3	6	9	15	Fistula.....	..	..	..	..	.3
Convulsions.....	51	1	..	52	54	Disease of Skin, &c.....	..	..	..	..	.6
Tetanus .....	1	..	..	1	.4	XI.—Old Age .....	..	..	33	33	50
Chorea .....	..	..	..	..	1	XII.—Intemperance.....	..	2	..	2	1
Epilepsy .....	..	2	..	2	5	Privation.....	2	..	..	2	.4
Insanity .....	..	2	1	3	1	Violent Deaths .....	7	22	1	*31	27
Delirium Tremens.....	..	3	..	3	3	Causes not Specified.....	1	..	1	2	5
Disease of Brain, &c. ....	1	5	..	6	10						

Weekly Average derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population		Deaths registered in the Week		Births registered in the Week	
Males .....	479	Males .....	494	Males .....	665
Females .....	461	Females .....	470	Females .....	659
Total .....	940	Total .....	964	Total .....	1324

\* The age of 1 person, whose death is ascribed to violence, is not stated.

DISTRICTS OF LONDON, Comprising 135 Registrars' Districts.					Area In square Miles	Population Estimated in 1841	Weekly Average derived from Deaths of 1842-6, and corrected for increase of Population	DEATHS registered in the Week	BIRTHS registered in the Week
WEST DISTRICTS {Kensington; Chelsea; St. George, Hanover-square; Westminster; St. Martin in the Fields; St. James}					17.2	301,326	137	153	200
NORTH DISTRICTS {St. Marylebone; St. Pancras; Islington; Hackney; part of Edmonton, viz. Hampstead}					20.5	376,396	175	200	266
CENTRAL DISTRICTS {St. Giles and St. George; Strand; Holborn; Clerkenwell; St. Luke; East London; West London; City of London}					2.8	374,759	173	195	240
EAST DISTRICTS {Shoreditch; Bethnal Green; Whitechapel; St. George in the East; Stepney; Poplar}					8.8	393,247	213	202	285
SOUTH DISTRICTS {St. Saviour; St. Olave; Bermondsey; St. George, Southwark; Newington; Lambeth; Wandsworth and Clapham; Camberwell; Rotherhithe; Greenwich; Lewisham}					66.2	502,483	244	214	333
TOTALS					115.5	1,948,211	940	964	1324

Births and Deaths not caused by Violence, registered in the Metropolis in the last 13 weeks, with the Mean Temperature for the same periods.														
	8th May	15th May	22nd May	29th May	5th June	12th June	19th June	26th June	3rd July	10th July	17th July	24th July	31st July	
BIRTHS	1259	1327	1267	1273	1325	1177	1178	1355	1277	1199	1182	1210	1324	
DEATHS (except from Violence)	973	949	882	933	757	820	915	893	865	861	925	877	933	
Deaths (except from Violence) at 60 yrs. & upwards	227	226	203	198	143	180	187	182	178	173	178	167	155	
Bronchitis	66	59	38	47	30	43	40	33	32	26	28	24	22	
Typhus	34	53	54	52	51	44	52	58	61	52	64	57	54	
Purpura	2	1	2	3	3	..	3	2	2	..	3	..	4	
Mean Temperature	49.1	56.1	58.4	63.4	62.3	54.4	56.0	57.8	61.3	65.5	70.2	63.1	65.9	

DEATHS registered in LONDON, in corresponding series of weeks of eight years:—														
No. of week.	25	26	27	28	29	30	31	Average of 7 weeks						
1840	853	860	865	892	876	854	873	868						
1841	783	779	779	785	780	802	783	784						
1842	767	778	773	813	772	910	918	819						
1843	910	873	886	782	815	774	841	833						
1844	930	974	883	843	908	1078	1026	949						
1845	815	842	814	788	878	881	838	887						
1846	820	902	989	916	1068	1018	1101	973						
Average of 7 yrs	840	858	848	831	871	903	911	866						
1847	978	921	933	882	944	905	964	932						

The mortality of Wandsworth and Clapham, and that of Lewisham and sub-district of Hampstead, are included in this table throughout the 8 years.

DEATHS from Purpura or from Scurvy in LONDON;—

YEARS	Quarters of 13 weeks each, ending in				Total in the Year
	March	June	Sept.	Dec.	
1842	3	5	4	4	16
1843	2	1	6	4	13
1844	5	3	7	6	21
1845	2	4	11	8	25
1846	5	9	9	5	28
1847	16	25			

1	2	3	4
Specified Ages	Deaths registered last week in London	Deaths which would have been registered if the rate of mortality had been the same as in Dorsetshire 1839-44	Excess of Mortality in London during the week
0-15	516	279	237
15-35	117	138	-21
35-55	156	103	53
55 and upwards	174	164	10
All Ages	964	684	280

## EXTRACTS FROM THE METROPOLITAN RETURNS OF THE PREVIOUS WEEK, No. 30.

(The tabular abstract on the first page is for the week ending Saturday, July 31st. The following selection of cases is made from the returns for the week ending July 24th.)

RETURNS OF VIOLENT DEATHS, MADE CHIEFLY BY CORONER.  
NOTE.—The cases of violence not returned by the Coroner, have the words "no inquest."

duration	duration	duration
Fractures and Contusions:— In Westminster Hospital, labourer, 34, fractured ribs, and shock of the system—fell from a scaffold when at work at the Houses of Parliament ..... about 2 hours In Middlesex Hospital, stonemason, 51, fell from a scaffold, by slipping from a short board on which he stood. .... 1 month In Middlesex Hospital, plasterer, 32, erysipelas of the head and face, commencing from a lacerated wound of the scalp, caused by falling in a street fight with a labourer—(erysipelas) ..... 5 days In Middlesex Hospital, labourer, 38, dislocation of the spine at the neck, from falling off a load of hay, when at work, accidentally ..... 60 hours In Middlesex Hospital, clerk to a painter, 69, compound fracture of the leg, caused by its being accidentally crushed by a wheel ..... In Middlesex Hospital, carpenter, 59, exhaustion from compound fracture of the leg, by falling drunk from an omnibus ..... 7 weeks Railway-plate-layer, 33, accidentally run over and killed—his head crushed by a carriage passing on the London and Blackwall Railway ..... In Middlesex Hospital, bricklayer, 48, mortal effects produced by an accidental fracture of one of the bones of the head. .... *	Fractures and Contusions (continued):— In King's College Hospital, copperplate printer, 25 (post mort.—no inquest), severe strain—erysipelas ..... Wounds:— F. 32, loss of blood from a wound accidentally caused in the lower part of the back ..... In Middlesex Hospital, wife of a coachman, 44, pneumonia from exhaustion through loss of blood, caused by a suicidal wound with a razor in the throat ..... 11 weeks Drowning:— Master tailor, about 60, drowning—not known if during fainting or otherwise. M. 46, suicide—suffocation and drowning by placing himself in a water-butt (in the water 1 hour). M. formerly a soldier, 63, drowning at a narrow footpath—how he came into the water not known—had threatened to commit suicide (found dead). Mariner, 17, accidentally drowned whilst bathing in the River Lea. M. 10, accidentally drowned while bathing. Son of a labourer, 9, accidentally drowned by falling from a barge into the Regent's Canal basin. M. (age unknown), found dead, apparently drowned, without marks of violence.	Drowning (continued):— M. 16, accidental death—bathing in the River Thames (under water 2 days). M. 9, accidentally drowned—bathing in the River Thames (in water 2 days). Son of a superintendent of police, 11, accidentally drowned, when bathing in the River Thames (in the water 5 minutes). Hanging and Suffocation:— Gardener (age not stated), suicide by hanging—of unsound mind (found dead). F. 21 hrs., accidental asphyxia, being in bed with her mother ..... 1 hour Burns and Scalds:— In Middlesex Hospital, F. 5, mortal injuries from an accidental burn, from the firing of her clothes, in playing with a bit of lighted paper ..... F. 1 (no inquest), scald—convulsions ..... 1 day Poison:— Innkeeper, 37, essential oil of bitter almonds—suicide ..... In Middlesex Hospital, F. servant, 33, muriate of morphia, whether taken as a medicine or to destroy life, unknown ..... 7 hours F. 11 mon., accidentally poisoned by creosote, administered by mistake ..... *

FOURTEEN HOSPITALS.—CAUSES OF DEATHS (NOT VIOLENT) AS RETURNED BY THE MEDICAL OFFICERS.  
NOTE.—Deaths in hospitals from fractures, wounds, burns, scalds, poison, are not contained in this list. See deaths by violence.

duration	duration	duration
St. George's H.:— M. 22, {enlargement of the heart, with (post mort.) adherent pericardium ..... reported to have commenced after rheumatic fever ..... about 3 years ago pulmonary apoplexy ..... malignant tumour, developed in the cellular tissue of the left (post mort.) iliac fossa ..... low peritonitis ..... about 10 days	Westminster H.:—See Violent Deaths. Charing Cross H.:— M. 27, {inflammation of absorbents of the left leg ..... erysipelas ..... F. 6, {serofulous knee ..... 18 months erysipelas ..... 2 weeks	Middlesex H.:— M. 60, {apoplexy ..... 48 hours (post mort., inquest) clot commencing in left optic thalamus, and extravasated into the ventricles—arteries diseased. M. 41 (inquest), natural—sanguineous apoplexy —fell suddenly insensible in the street.... 8 hours See Violent Deaths. University College H.:—No deaths registered.

FOURTEEN HOSPITALS.—CAUSES OF DEATH (NOT VIOLENT) AS RETURNED BY THE MEDICAL OFFICERS (continued):—

Fever II:—		duration	St. Bartholomew's II:—		duration	St. Thomas' II:—		duration
45,	pneumonia	6 days	F. 20, erysipelas—perforation of the intestine	*		F. 19,	endocarditis	*
	decomposition in 12 hours.		—bronchitis	*		(post mort.)	in hospital 24 hours.	
	from City of London Union—in hospital 4 days.					F. 26,	icterus, &c.	*
	fever	21 days	London II:—			(post mort.)	disease of pancreas and spleen	*
27,	in hospital 16 days.		M. 16, tubercular peritonitis	*		F. 23,	paraplegia	3½ years
	from Wandsworth and Clapham Union.		M. 42, pleuro-pneumonia	*			tabes—bedsores.	*
40,	fever and delirium tremens	*	F. 66, strangulated hernia	*		M. 36,	icterus—ascites	*
	from Wandsworth and Clapham Union.					M. 68,	pulmonary apoplexy—hydrothorax	*
Small Pox II:—			Guy's II:—			Dreadnought II:—		
1,	small pox (natural), semiconfluent	*	F. 24, { typhus	10 days		M. 30,	{ typhus	17 days
	scrofulous abscesses, unprotected.	*		3 days		(post mort.)	ulceration of Peyer's glands.	
6,	small pox (confluent—unprotected)	*	M. 31, strangulated hernia	*		M. 16,	{ typhus	19 days
7,	small pox (confluent, petechial, unprotected)	*	M. 28 (post mort.), abscess in the liver—secondary abscess in the lung	6½ months		(post mort.)	ulceration of Peyer's glands.	
King's College II:—			M. 57 (post mort.), pneumonia—phthisis—suppuration in the kidneys—cystitis chronica	*		Royal Ordnance Hospital:—		
12 (post mort.), phthisis	*		M. 29, pleuro-peri-pneumonia	5 weeks		Private soldier in Royal	consumption	*
M. 22, { morbus cordis	*		F. 30, dysentery	3 months		Sappers and Miners (in hospital 55 days,		
(post mort.) { dropsy	21 days		F. 12, morbus cordis—ascites	7 months		Gunner in Royal Artillery, 32 (pan), disease of the liver and kidneys, producing dropsy	28 days	
49 (post mort.), morbus cordis	*					Drummer in Royal Artillery, 34, consumption,	71 days	
DEATHS BY SMALL POX, TYPHUS, ETC., SYPHILIS, HÆMORRHAGE MALFORMATION, HERNIA, DIABETES, STONE, CHILDBIRTH, DELIRIUM TREMENS, IMPERPERANCE, PRIVATION, PURPURA, ETC.								
Small Pox:—		duration	Typhus, &c. (continued):—		duration	Hernia:—		duration
NOTE.—It should be stated in all cases whether vaccination had been performed with effect.								
2,	small pox	*	WHITECHAPEL; Goodman's Fields.			M. 43, strangulated hernia	5 days	
2,	variola	11 days	F. 60, typhus	10 days		M. 55, strangulated hernia	*	
5,	small pox (not vaccinated)	*	F. 38, febris	*		See Returns of London and Guy's Hospitals.		
2,	small pox (natural)	14 days	F. 60, febris	*		Diabetes:—		
1,	small pox (natural)	14 days	St. GEORGE IN THE EAST; St. Mary's.			M. 8, diabetes	from birth	
6 mon., small pox (natural)	5 weeks		M. 32, typhus	10 days		Phthisis; diabetes:—		
7 mon., confluent small pox (not vaccinated)	8 days		F. 56, fever	*		M. 22, phthisis—diabetes	*	
	3 days		F. 23, fever and inflammation of bowels	6 days		Stone:—		
21,	{ great typhoid depression—eruption very scanty.		STEPNEY; Limehouse.			M. 75, { stone	3 years	
			F. 45, { synchus	10 days			ulceration of the bladder.	
3,	small pox	4 days		9 days		Childbirth:—The time elapsing from commencement of labour to death should invariably be returned.		
6,	variola	17 days	— Mile End, Old Town (Upper).			F. 23, { exhaustion, with constitutional disturbance.		
2,	variola confluens, maligna	8 days	M. 38, { cerebritis	7 days			protracted labour.	
1,	{ variola confluens, maligna			13 days		F. 20, { childbirth	27 hours	
	imperfectly vaccinated 6 days before the appearance of the eruption.		— Mile End, Old Town (Lower).				puerperal fever.	4 days
1,	small pox (not vaccinated)	10 days	M. 19, { hepatic derangement	14 days		F. 20, { confined on 5th July.	5 days	
1,	{ pneumonia	3 months		2 days			childbirth	
1,	small pox (not vaccinated)	9 days	F. 6, { synchus	6 weeks		F. 24, { diarrhoea in half an hour after delivery.		
1,	small pox	12 days		3 weeks			childbirth (in the sixth month)	
	vaccination attempted without success.		St. SAVOIR; St. Saviour.			F. 25, { hamorrhage.	9 days	
2,	small pox (not vaccinated)	14 days	M. 27, { inflammation of kidneys	8 days			placenta previa	
2,	{ confluent small pox	11 days		4 hours			debility.	
	sloughing fauces.		St. OLAVE; St. Olave.			F. 37, placental presentation—previous flooding		
3,	variola	10 days	M. 74, febris	*		—flooding after delivery	*	
3,	first attack—not vaccinated.		— St. John.			F. 81, exhaustion from difficult labour	*	
5,	small pox (natural)	6 days	F. 17, febris—atrophy	*		F. 44, { childbirth	7 days	
2,	small pox (natural)	9 days	BERMONDSEY; The Leather Market.				inflammation.	
	no medical attendant.		M. 5, low fever, chiefly affecting the brain	1 week		F. 44, flooding from placental presentation		
3,	confluent small pox (not vaccinated)	14 days	— St. James.			—after delivery.	2 hours	
Chicken Pox:—			F. 54, { bronchitis	2 weeks		F. 23, pneumonia 5 days after premature labour.		
11 weeks, measles and chicken pox—debility subsequent thereto, with uræmia.				3 days			puerperal fever	6 days
Typhus, &c.:—			St. GEORGE, Borough-road.	15 days		F. 33, { The child died. They resided in the house where a mother and child died a short time before.		
PADDINGTON; St. John.			St. MARY, NEWINGTON; St. Peter, Walworth.	14 days		F. 24, extreme debility from metritis and peritonitis	*	
18, { slight fever	7 days		M. 47, { fever	6 days		F. 24, { puerperal fever	4 days	
	convulsions	3 hours		6 days			inflammation of intestines.	
St. GEORGE, HANOVER-SQUARE; May Fair.			LAMBETH; Waterloo (first part).			Delirium Tremens:—		
M. 73, fever—rheumatic gout	*		M. 65, { fever	3 weeks		M. 26, delirium tremens		
	Belgrave.			3 weeks		Intemperance:—No deaths registered from this cause.		
M. 39, { typhus	6 days		— Lambeth Church (first part).			Privation:—		
	effusion on the brain	7 days	M. 2, fever—bronchitis	10 days		M. 4, { destitution and exhaustion	12 days	
WESTMINSTER; St. Margaret.			M. 22, low fever—pleuritis	6 days			typhus	
M. 65, continued fever	1 week		ROTHERHITHE; Rotherhithe.			Want of Breast-milk:—		
St. MARYLEBONE; the Rectory.			F. 13, febris typhoides	23 days		M. 5 wks., want of breastmilk	*	
F. 41, spotted fever	*		GREENWICH; St. Paul's, Deptford.	*		F. 24 days, emaciation (the mother died 10 days after the birth)	*	
F. 70, typhus	*		M. 29, typhus	*		F. 12 days, inanition (the mother being ill of fever; it had no suck)	*	
56, typhus	*		— Woolwich Arsenal.			M. 3 mon., defective nutrition	*	
30, fever	*		M. 4, febris maligna	3 days			cholera	1 week
St. PANCRAS; Gray's Inn-lane.			M. 7, fever—diffuse inflammation of the cellular tissue of the thigh	7 days		F. 2 mon., { fever	3 days	
M. 21, fever	5 days		West.				no breastmilk	
F. 5, { fever	1 week		F. 63, synchus—erysipelas	24 days		F. 7 mon., atrophy from loss of breastmilk	6 weeks	
	congestion of the brain	5 days	WANDSWORTH, &c., Battersea.	22 days		M. 6 wks., inopia—want of breastmilk	*	
— Somer's Town.			See Hospital Returns.			F. 11 mon., { tabes mesenterica	3 months	
M. 9 mon., dysentery and fever	8 days		Remittent Fever:—				without breastmilk	from birth
— Kentish Town.			M. 2, remittent fever	3 weeks		M. 5 wks., inopia from want of breastmilk	*	
M. 55, typhus	8 weeks		Infantile Remittent Fever:—			F. 6 wks. (7-months' child), want of the breast	*	
ISLINGTON; West.			M. 1, infantile fever	6 months		Purpura:—No deaths registered from this cause.		
M. 47, { typhus	21 days		F. 11 mon., infantile remittent fever	*		Hamatemesis, &c.:—		
	pneumonia	30 hours	M. 2, infantile fever (his)	1 month		F. 50, debility after chronic hemorrhage from the stomach	*	
— East.			Syphilis:—			M. 55, congested liver and lungs—hemorrhage producing suffocation	*	
M. 73, fever—natural decay	*		F. 43, syphilis—cachexia	*		Miscellaneous Causes:—		
HACKNEY; Hackney.			Hæmorrhage:—			M. 68, { operation for cataract	*	
M. 82, fever	9 weeks		F. 61 (inquest), natural from the rupture of a bloodvessel in the heart	sudden			diarrhoea	4 weeks
CLERKENWELL; Goswell-street.			Malformation:—			F. 44, { cancer of right mamma and axillary glands	4½ years	
F. 26, bronchitis—typhoid fever—petechiae	*		M. 8 wks., spina bifida—exhaustion.				breast removed.	2½ years
WEST LONDON; South			F. 2 mon., { debility	from birth		F. 57 (inquest), natural disease—without the deceased having a home to resort to, and without applying for one at the Parish Workhouse.	*	
F. 3, convulsions—fever	4 months			from birth		Labourer, 30 (inquest), effusion on the brain from natural causes, while working hard in hay fields and living low.	6 days	
— North.			F. 2, mesenteric disease—abscess—artificial anus	4 months			stricture of the urethra.	20 years
M. 18, fever	*		M. 12, cyanosis	*		M. 47, { diseased prostate and bladder	1 year	
M. 20, fever	*		M. 3 wks., { convulsions	since birth			excessive doses of opium	*
5 mon., { gastro-enteritis	4 days			apparently owing to an original defect of development.				
SHOREDITCH; Haggerstone, East.			F. 3 (post mort.), malformation	*				
M. 1, { fever	4 days							
	convulsions	12 hours						
— Haggerstone, West.								
M. 38, typhoid fever	*							
WHITECHAPEL; North.								
M. 64, synchus	*							
M. 61, typhus	*							
M. 56, typhus	*							
35, typhus	*							

ANALYSIS OF CASES IN WHICH INQUESTS WERE HELD.—Violence, 26; apoplexy, 4; other specified causes, 7; "natural death," "visitation of God," "found dead," &c., 4.—TOTAL, 41 cases.

THE NUMBER OF CASES IN WHICH IT IS RECORDED THAT A POST MORTEM EXAMINATION WAS MADE, IS 33

# METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH,

During the Week ending Saturday, 31st July, 1847.

Day.	Phases of the  Moon	Mean height of the Barometer, from 12 Observations, (corrected and reduced to 32 degree Fahrenheit.)	Readings of Thermometers										Difference between the Dew Point Temperature and Air Temperature			Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 35 years	WIND							Mean Amount of Cloud, 0-10	Rain in inches, read at 9 o'clock the next morning
			Dry			Dew Point Mean from 12 Rts	Highest in the sun, as shown by a self-register- ing Thermometer	Lowest on the grass, as shown by a self-register- ing Thermometer	In the Water of the Thames at Greenwich, by the self- registering Thermometer, read at 9 o'clock next morning		Mean of 12 Diff.	Greatest	Least	General Direction			Pressure in lbs. on the square foot			Mean of 12 Obs.	Amount of Horizontal Movement of the Air in each day				
			Highest from 12 Obs.	Low- est from 12 Obs.	Mean from 12 Obs.				Highest	Lowest				A.M.	P.M.		Greatest	Least							
JULY,		in.	°	°	°	°	°	°	°	°	°	°	°	°			lbs.	lbs.	lbs.	Miles					
SUN.	25						84.0	40.2	70.0	65.8		0	0	0	0	Calm N. by E.	N.E.	1.5	0.0	0.0	135	7.5	0.00		
MON.	26		29.831	74.1	50.0	61.7	51.4	92.6	36.5	69.5	65.8	10.3	20.2	0.2	- 0.7	N. by W. and N.	N.	1.5	0.0	0.1	40	4.2	0.00		
TUES.	27	Full	29.950	78.6	49.1	64.8	53.9	99.6	42.5	69.2	66.0	10.9	23.4	0.6	+ 2.3	Calm and N. by W.	N. by W. and Calm	0.0	0.0	0.0	115	2.5	0.00		
WED	28		29.931	75.0	54.0	65.1	54.8	93.0	52.5	69.5	66.0	10.3	19.0	2.0	+ 2.3	S.W.	W.S.W.	1.2	0.0	0.2	130	8.0	0.00		
THU.	29		29.935	81.7	61.5	69.6	56.6	96.2	48.0	69.8	66.0	13.0	21.6	5.4	+ 6.5	W.S.W. and W. by N.	Calm and S.S.E.	0.0	0.0	0.0	55	5.1	0.00		
FRI.	30	Perigee	29.890	76.0	60.0	67.3	57.2	96.4	43.5	70.2	66.5	10.1	19.8	2.5	+ 4.6	Calm and S.W.	W.S.W. and S. W.	0.0	0.0	0.0	90	5.2	0.00		
SAT.	31	In Equator.	29.956	81.1	54.0	66.9	56.3	100.4	42.2	70.5	67.0	10.6	24.0	0.4	+ 3.7	W.S.W. and Calm	W.S.W.	0.0	0.0	0.0	45	1.2	0.00		
MEANS			29.916	77.8	54.8	65.9	55.0	94.6	43.6	69.8	66.2	10.9	21.3	1.9	+ 3.1	+					Sum 610	4.8	Sum 0.00		

DAY	ELECTRICITY	Circumstances accompanying the exhibition of Electricity	GENERAL REMARKS
SUN.	Nothing was shewn at any examination throughout the day.		Cirrostratus and scud generally covered the sky till towards evening, when it became nearly cloudless.
MON.	Nothing was shewn till 8h. a.m. Positive and tension occasionally strong during the remainder of the day.		The sky was mostly cloudless till 9h. a.m., and about one-half covered with cumuli, cirri, and cirrostratus from that time till 11h. p.m., when it became overcast.
TUES.	Nothing was shewn till 8h. a.m. Positive and tension moderate during the rest of the day.		About seven-tenths of the sky was covered with cirrostratus and scud till 2h. a.m. A small portion of the sky was covered with cirrostratus, detached cumuli, and fleecy clouds during the remainder of the day. It was occasionally cloudless. At 1h. 30m. a.m. the arc of a faint lunar halo was visible.
WED.	Positive and tension very uniform throughout the day.		Nearly cloudless till 4h. a.m. The sky was generally covered with thin cirrostratus, fleecy clouds and scud during the remainder of the day.
THURS.	Positive and tension generally weak throughout the day.		Mostly overcast till 9h. a.m., and from 5h. till 8h. p.m. At other times the sky was cloudless.
FRID.	Slightly positive till 2h. a.m. Nothing was shewn from this time till 7h. a.m. Positive and tension generally strong during the remainder of the day.		The sky was cloudless till 5h. a.m. Cirrostratus and scud covered the greater part of the sky from this time till towards midnight, when it became cloudless.
SAT.	Positive and tension weak till 8h. a.m. During the remainder of the day the tension was variable, and frequently very strong.		The sky was generally clear throughout the day, with the exception of the afternoon, when portions of cirrostratus and light clouds prevailed.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The amount of clouds is estimated by considering a clear sky to be represented by 0, a cloudy sky by 10; and when partially cloudy by estimating the number of tenths of the whole sky covered with cloud. The observations are taken every two hours, day and night.

The readings of the two self-registering thermometers, the one placed in the full rays of the sun, and the other placed on grass fully exposed to the sky, are taken every morning at 9 a.m., and therefore exhibit the highest and lowest readings respectively, that have occurred in the previous 24 hours. They are, however, placed here opposite to the civil day which precedes that on which the thermometers are read.

Whewell's anemometer (from the indications of which the estimation of horizontal movement is made) is read at 10 a.m., and the result given is for the 24 hours preceding. It is placed here opposite to the civil day, which precedes that on which the anemometer is read.

The average temperature for 25 years is furnished by Mr. Henry, Assistant at the Royal Observatory, from the observations made at his residence in the neighbourhood of Greenwich Park.

\* In reading the 16th column, it will be borne in mind that + is read "higher," and — "lower," than the average.

The temperature of the water of the Thames is ascertained by the use of a self-registering thermometer, suspended from the side of the Dreadnought Hospital Ship, at the depth of about 2 feet below the surface. The readings of this instrument are registered under the superintendence of Lieutenant Sanders, R.N., Superintendent of the Dreadnought. The mean reading of a thermometer placed on the mainmast, and read each day at 6h. 30m. a.m., was 58.4; and the mean reading at 7h. 30m. p.m., was 69.3; the mean readings at the Royal Observatory for the same times were 58.6 and 68.4 respectively.

† The direction of the wind for the week has been variable.

Births and Deaths registered in London,
During the Week ending Saturday, August 7th, 1847.

ANNUAL SERIES VIII.] PUBLISHED BY AUTHORITY OF THE REGISTRAR GENERAL. [No. 32.]

Causes of Death	Age			Total	Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population		Causes of Death.	Age			Total	Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population
	0 to 15	15 to 60	60 and upwards					0 to 15	15 to 60	60 and upwards		
ALL CAUSES.....	540	311	146	*998	940		IV.—Laryngitis .....	1	..	..	1	1
SPECIFIED CAUSES .....	537	311	145	*994	935		Quinsey .....	1	..	..	1	2
I.—Zymotic Diseases .....	248	42	20	*311	226		Bronchitis .....	8	8	8	24	12
SPORADIC DISEASES—							Pleurisy .....	..	1	1	2	2
II.—Dropsy, Cancer, and other Diseases of uncertain or variable Seat .....	62	25	12	99	103		Pneumonia .....	16	4	1	21	46
III.—Diseases of the Brain, Spinal Marrow, Nerves and Senses ..	82	34	24	140	157		Hydrothorax .....	..	2	..	2	3
IV.—Diseases of the Lungs, and of the other Organs of Respiration ..	52	115	18	185	226		Asthma .....	..	4	1	5	8
V.—Diseases of the Heart and Blood-vessels .....	2	16	8	26	25		Phthisis (or Consumption) .....	25	90	3	118	142
VI.—Diseases of the Stomach, Liver, and other Organs of Digestion ..	67	23	16	106	94		Disease of Lungs, &c. ....	1	6	4	11	11
VII.—Diseases of the Kidneys, &c. ....	..	7	2	9	8		V.—Pericarditis.....	..	..	..	..	1
VIII.—Childbirth, Diseases of the Uterus, &c. ....	..	5	..	5	10		Aneurism .....	..	1	..	1	.8
IX.—Rheumatism, Diseases of the Bones, Joints, &c. ....	4	5	1	10	7		Disease of Heart, &c. ....	2	15	8	25	23
X.—Diseases of the Skin, Cellular Tissue, &c. ....	5	2	1	8	2		VI.—Teething.....	10	..	..	10	19
XI.—Old Age .....	..	..	38	38	50		Gastritis .....	..	..	..	..	24
XII.—Violence, Privation, Cold and Intemperance .....	15	37	5	57	28		Enteritis .....	12	2	2	16	2
I.—Small Pox .....	14	2	..	16	14		Peritonitis .....	2	2	1	5	15
Measles .....	46	..	..	46	28		Tabes Mesenterica.....	30	..	..	30	.6
Scarlatina .....	16	..	..	16	39		Worms .....	..	..	..	..	2
Hooping Cough .....	17	..	..	17	23		Ascites .....	..	..	1	1	3
Croup .....	6	..	..	6	6		Ulceration (of Intestines, &c.).....	..	3	..	3	2
Thrush .....	11	..	..	11	9		Hernia .....	..	1	1	2	3
Diarrhoea.....	93	2	11	106	55		Colic or Ileus .....	1	3	2	6	3
Dysentery .....	6	..	..	6	6		Intussusception .....	1	..	1	2	.5
Cholera .....	12	2	2	16	7		Stricture (of the Intestinal Canal) .....	..	..	1	1	.6
Influenza .....	..	..	..	..	.8		Hæmatemesis.....	..	..	..	..	.9
Ague .....	..	..	1	1	.7		Disease of Stomach, &c. ....	8	2	5	15	7
Remittent Fever.....	3	1	..	4	3		Disease of Pancreas .....	..	..	..	..	3
Typhus .....	17	32	5	*55	30		Hepatitis .....	..	2	..	2	3
Erysipelas .....	5	2	1	8	5		Jaundice .....	3	1	..	4	3
Syphilis .....	2	1	..	3	1		Disease of Liver, &c. ....	..	7	2	9	10
Hydrophobia .....	..	..	..	..	..		Disease of Spleen.....	..	..	..	..	.2
II.—Hæmorrhage .....	..	1	..	1	3		VII.—Nephritis.....	..	..	..	..	.4
Dropsy .....	..	2	..	2	23		Ischuria .....	..	..	..	..	.6
Abscess .....	..	2	2	4	2		Diabetes .....	..	..	..	..	.3
Noma .....	2	..	..	2	.2		Cystitis .....	..	..	..	..	.6
Mortification .....	..	..	3	3	3		Stone .....	..	..	1	1	.1
Purpura .....	..	1	..	1	.6		Stricture (of the Urethra) ..	..	1	..	1	.6
Scrofula .....	3	2	..	5	4		Disease of Kidneys, &c. ....	..	6	1	7	5
Cancer .....	1	13	5	19	12		VIII.—Childbirth .....	..	3	..	3	.6
Tumour .....	..	..	..	..	.9		Paramenia .....	..	1	..	1	.3
Gout .....	..	..	..	..	.9		Ovarian Dropsy .....	..	..	..	..	.5
Atrophy .....	36	2	1	39	20		Disease of Uterus, &c. ....	..	1	..	1	3
Debility .....	16	1	..	17	22		IX.—Arthritis .....	..	..	..	..	..
Malformations .....	2	..	..	2	2		Rheumatism .....	1	..	1	2	3
Sudden Deaths (including Coroners' Inquests, in which it is not shewn from what diseases or causes the persons died.)	2	1	1	4	9		Disease of Joints, &c. ....	3	5	..	8	4
III.—Cephalitis .....	5	5	..	10	13		X.—Carbuncle .....	..	..	..	..	.1
Hydrocephalus .....	34	1	..	35	37		Phlegmon .....	1	2	..	3	.2
Apoplexy .....	2	8	6	16	18		Ulcer .....	..	..	1	1	.4
Paralysis .....	..	9	10	19	15		Fistula.....	..	..	..	..	.3
Convulsions.....	40	..	1	41	54		Disease of Skin, &c.....	4	..	..	4	.6
Tetanus .....	..	..	..	..	.4		XI.—Old Age .....	..	..	38	38	50
Chorea .....	..	..	..	..	.1		XII.—Intemperance.....	..	3	..	3	1
Epilepsy .....	..	5	2	7	5		Privation.....	..	..	..	..	.4
Insanity .....	..	1	1	2	1		Violent Deaths .....	15	34	5	54	27
Delirium Tremens.....	..	1	..	1	3		Causes not Specified.....	3	..	1	4	5
Disease of Brain, &c. ....	1	4	4	9	10							

Weekly Average derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population		Males .....	479	Deaths registered in the Week	Males .....	499	Births registered in the Week	Males .....	609
		Females .....	461		Females .....	499		Females .....	631
		Total	940		Total..	998		Total..	1240

\* The age of 1 person, whose death is ascribed to typhus, is not stated.

DISTRICTS OF LONDON, Comprising 135 Registrars' Districts.		Area in square Miles	Population Enu- merated in 1841	Weekly Average derived from Deaths of 1842-6, and corrected for increase of Population	DEATHS registered in the Week	BIRTHS registered in the Week
				5 Summers		
WEST DISTRICTS	{ Kensington; Chelsea; St. George, Hanover-square; Westminster; St. Martin in the Fields; St. James .....	17.2	301,326	137	154	161
NORTH DISTRICTS	{ St. Marylebone; St. Pancras; Islington; Hackney; part of Edmonton, viz. Hampstead .....	20.5	376,396	175	184	192
CENTRAL DISTRICTS	{ St. Giles and St. George; Strand; Holborn; Clerkenwell; St. Luke; East London; West London; City of London .....	2.8	374,759	173	174	223
EAST DISTRICTS	{ Shoreditch; Bethnal Green; Whitechapel; St. George in the East; Stepney; Poplar .....	8.8	393,247	212	239	304
SOUTH DISTRICTS	{ St. Saviour; St. Olave; Bermondsey; St. George, Southwark; Newington; Lambeth; Wandsworth and Clapham; Camberwell; Rotherhithe; Greenwich; Lewisham .....	66.2	502,483	244	247	360
TOTALS .....		115.5	1,948,211	940	998	1240

Births and Deaths not caused by Violence, registered in the Metropolis in the last 13 weeks, with the Mean Temperature for the same periods.

	15th May	22nd May	29th May	5th June	12th June	19th June	26th June	3rd July	10th July	17th July	24th July	31st July	7th Aug.
BIRTHS .....	1327	1267	1273	1325	1177	1178	1355	1277	1199	1182	1210	1324	1240
DEATHS (except from Violence) .....	949	882	933	757	820	915	893	865	861	925	877	933	944
Deaths (except from Violence) at 60 yrs. & upwards .....	226	203	198	143	180	187	182	178	173	178	167	155	141
Diarrhoea .....	11	14	16	11	20	22	21	17	32	43	56	111	106
Typhus .....	52	54	52	51	44	52	58	61	52	64	57	54	55
Purpura .....	1	2	3	3	..	3	2	2	..	3	..	4	1
Mean Temperature .....	56.1	58.4	63.4	62.3	54.4	56.0	57.8	61.3	65.5	70.2	63.1	65.9	62.6

DEATHS registered in LONDON, in corresponding series of weeks of eight years:—

No. of week..	26	27	28	29	30	31	32	Average of 7 weeks
1840	860	865	892	876	854	873	913	876
1841	779	779	785	780	802	783	826	791
1842	778	773	813	772	910	918	902	838
1843	873	836	782	815	774	841	826	821
1844	974	883	843	908	1078	1026	946	951
1845	842	814	786	878	884	838	929	853
1846	902	989	916	1068	1018	1101	1150	1021
Average of 7 yrs	858	848	831	871	903	911	927	879
1847	921	933	882	941	905	964	998	935

The mortality of Wandsworth and Clapham, and that of Lewisham and sub-district of Hampstead, are included in this table throughout the 8 years.

DEATHS from Purpura or from Scurvy in LONDON;—

YEARS	Quarters of 13 weeks each, ending in				Total in the Year
	March	June	Sept.	Dec.	
1842	3	5	4	4	16
1843	2	1	6	4	13
1844	5	8	7	6	21
1845	2	4	11	8	25
1846	5	9	9	5	28
1847	16	25			

1	2	3	4
Specified Ages	Deaths registered last week in London	Deaths which would have been registered if the rate of mortality had been the same as in Dorsetshire 1838-44	Excess of Mortality in London during the week
0-15	540	279	261
15-35	132	138	-6
35-55	138	103	35
55 and upwards	187	164	23
All Ages	998	684	314

## EXTRACTS FROM THE METROPOLITAN RETURNS OF THE PREVIOUS WEEK, No. 31.

(The tabular abstract on the first page is for the week ending Saturday, Aug. 7th. The following selection of cases is made from the returns for the week ending July 31st.)

NOTE.—M. or F. at the beginning of an entry indicates sex; the numerals which follow, mark the age at death, in years, except when otherwise stated. The italics at the end of an entry shew the duration of illness; and when the place is supplied by an asterisk (\*), the Coroner, Medical Practitioner, or other Informant, has not been able to ascertain, or has omitted to state the time in which the person has been subject to the disease or injury which has proved fatal. In making the return, it should invariably be stated that duration of illness could not be ascertained, when this is the case.

### RETURNS OF VIOLENT DEATHS, MADE CHIEFLY BY CORONER.

NOTE.—The cases of violence not returned by the Coroner, have the words "no inquest."

Fractures and Contusions:—	duration	Fractures and Contusions (continued):—	duration	Drowning (continued):—	duration
Son of a carpenter, 8, fracture of the skull, by falling when playfully walking upon the wall adjoining the steps at the foot of Waterloo-bridge .....	10 days	Cowboy, about 17, (post mort.) fracture of the skull and laceration of the brain—fell when riding astride a tub in a washcart drawn by one horse, in King's-row, Picnic, and run over by the wheel of the cart .....	a few minutes	Son of an engineer, 11, found dead, apparently drowned—without marks.	
In University College Hospital, F. 2, (no inq.) injury to the head from a fall .....	*	In St. Bartholomew's Hospital, son of a carpenter, 15, (post mort.) fractured skull from having been thrown from a horse at Holloway, in consequence of some boys throwing stones at it .....	about 30 minutes	Mate of the schooner 'Thomas,' of Sunderland, 50, drowned by falling into the Surrey canal dock accidentally (under water 8 hours).	
In St. Bartholomew's Hospital, coachman about 33, (p.m.) fracture of the skull by falling from a loft, having missed the ladder. ...	16 days	M. 3, accidentally run over by a cart, which crushed his head .....	instantly	M. (person unknown) 18, found drowned in the River Thames—no marks of violence—no proof by what means he came into the water (in the water 2 days).	
In St. Bartholomew's Hospital, labourer about 21, fracture of his left leg by the flooring of a house giving way at Glasshouse-yard, Aldersgate-street, the accident producing fever in his debilitated constitution .....	14 days	In St. Thomas' Hospital { scirrhus in the liver M. 40, (no inquest) { from a blow .....	*	M. about 18, (person unknown) found drowned in the river Thames, by what means no proof (in the water about 5 days).	
In St. Bartholomew's Hospital, tailor, 29, (post mort.) rupture of his bladder by a fall and a blow—extravasation of urine into the abdomen—peritonitis .....	55 hours	(post mort.) { jaundice .....	4 months	Son of a waterman, 11, accidentally drowned by falling out of a boat into the river Thames (in water 5 hours).	
In St. Bartholomew's Hospital, shopman, 41, (p.m.), fracture of his skull and laceration of his brain by falling through an opening into a cellar, whilst raising a box of lamps at Newgate-street. ....	3 days	Wounds:—		Hanging and Suffocation:—	
In St. Bartholomew's Hospital, printer, 43, (post mort.), rapid mortification of his right arm accelerated by inflammation from a wound of his scalp caused by a fall at Hungerford Market. ....	2 days	In St. George's Hospital, carpenter, 39, cutting his throat with a penknife when of unsound mind .....	8 days	Widow of a captain in the merchant service, 52, strangled herself with a piece of list, and cut her throat with a knife whilst in a temporary state of insanity. ....	*
In St. George's Hospital, silversmith, 48, (p.m.) rupture of the small intestines—fractured ribs—knocked down and run over by an omnibus—ran against the off horse when crossing the road at Knightsbridge .....	14 hours	In University College Hospital, labourer, 53, (no inquest), extensive abscess under the pectoral muscles from wound of the finger .....	*	Burns and Scalds:—	
In St. George's Hospital, coachman, 34, compound fracture of left leg—run over by an omnibus from which he fell when driving, being seized with giddiness (in King's-road-Chelsea), supposed secondary abscess in lungs .....	35 days	M. 42, shot himself with a pistol in a temporary state of mental derangement .....	*	In St. George's Hospital, daughter of a single woman, 2, burns of the back and shoulders—clothes took fire when left alone; supposed to have been playing with lucifer matches. ....	26 hours
		Drowning:—		In St. Bartholomew's Hospital, daughter of a smith, 20, burned by falling in the fire in a fit (at Red Lion Market, St. Luke's). ....	10 months
		Son of a painter and glazier, 15, drowned in the Thames when bathing (under water about 20 minutes).		Son of a labourer, 1, accidentally scalded by the upsetting of a saucepan of boiling water in a room .....	2 months
		Cooper, 23, accidentally drowned, while bathing in the river Lea.		Improper Food:—	
		Sealing-wax-maker, 34, accidentally drowned while bathing in the river Lea.		M. 76 (no inquest), colic from a meal of cold beans .....	28 days
		Chairmaker, 17, found dead—apparently drowned whilst bathing in the Regent's canal.			
		M. (age and condition unknown) found dead in the waters of the London Docks without marks.			

**THIRTEEN HOSPITALS.—CAUSES OF DEATHS (NOT VIOLENT) AS RETURNED BY THE MEDICAL OFFICERS.**  
NOTE.—Deaths in hospitals from fractures, wounds, burns, scalds, poison, are not contained in this list. See deaths by violence.

**St. George's H.:**—

M. mendicant, about 36, (inquest—p.m.)	apoplexy—blood on the surface and in the substance of the brain .....	2 days
M. 63, (post mort.)	sloughing phagedena .....	5 weeks
	suppuration between bone and dura mater, and in arachnoid .....	4 weeks
F. 63 (post mort.),	sanguineous apoplexy about .....	15 mins.
F. 56, diseased heart .....		*
F. 20, fever—ulceration of the throat—syphilitic gonorrhoea .....		*

*See Violent Deaths.*

**Westminster H.:**—

M. 24, pneumonia .....	21 days
F. 30, emphysema—pulmonary bronchitis, chronic .....	—months
F. 19, tubercular peritonitis .....	11 weeks

**Charing Cross H.:**—No deaths registered.

**Middlesex H.:**—

M. 41, erysipelas of the head .....	7 days
F. 30, stricture of the rectum .....	4 years

**University College H.:**—

M. 68, diarrhoea from ulceration of the large intestines .....	9 months
M. 65, double pneumonia .....	22 days
F. 31, { acute rheumatism .....	22 days
{ typhus .....	10 days

DEATHS BY SMALL POX, TYPHUS, ETC., SYPHILIS, HÆMORRHAGE, MALFORMATION, HERNIA, DIABETES, STONE, CHILDBIRTH, DELIRIUM TREMENS, INTemperance, PRIVATION, PURPURA, ETC.

**Small Pox:**—

M. 2, small pox .....	11 days
M. 2, natural small pox .....	10 days
F. 1, small pox (vaccinated without effect.) .....	15 days
M. 1, confluent small pox (not vaccinated) .....	15 days
F. 4, small pox (not vaccinated) .....	*
M. 6, variola confuens, maligna .....	*
F. 7 mon., small pox (after vaccination) .....	*
M. 11 mon., confluent small pox (not vaccina.) .....	5 days
F. 6 mon., small pox (not vaccinated) .....	3 weeks
M. 26 days, small pox (first attack—not vaccinated) .....	*
F. 2, variola, confluent .....	12 days
F. 7 mon., { small pox (without previous vaccin.) .....	4 days
{ pneumonia .....	4 days
F. 26, small pox .....	5 days
M. 5, small pox (natural without previous vaccination) .....	13 days
F. 16 weeks, small pox (not vaccinated) .....	9 days
F. 2, { small pox .....	9 days
{ consumption .....	7 weeks
M. 5, variola (not vaccinated) .....	*
F. 3, { small pox—cancrum oris .....	24 days
{ not vaccinated .....	*
M. 3, small pox (not vaccinated) .....	14 days
M. 3, { small pox (immediately after vaccina.) .....	7 days
{ pneumonia .....	4 days
{ small pox (vaccinated with effect 3 months ago) .....	12 days
F. 3, { laryngitis .....	*
{ small pox (natural) .....	3 weeks
F. 1, { small pox .....	7 days
{ first attack—not vaccinated .....	*

**Chicken Pox:**—

F. 11 mon., { chicken pox .....	7 days
{ convulsions from teething .....	*

**Typhus, &c.:**—

<b>WESTMINSTER; St. Margaret.</b>	
M. 43, depression—low fever .....	14 days
F. 70, fever .....	1 week
<b>St. MARTIN-IN-THE-FIELDS, Charing Cross.</b>	
F. 72, typhus .....	*
<b>St. LUKE; Chelsea, North-west.</b>	
F. 62, { bilious fever .....	14 days
{ drunkenness .....	*
<b>St. GEORGE, Hanover-square; Hanover-square.</b>	
M. 3, eruptive fever—drowsy .....	3 weeks
<b>WESTMINSTER; St. John the Evangelist.</b>	
M. 20 (inquest—post mort.), continued fever, with ulceration of the bowels .....	23 days
<b>St. MARYLEBONE; All Souls.</b>	
F. 12, fever .....	*
<b>St. PANCRAAS; Somer's Town.</b>	
M. 29, fever, with the head much affected .....	*
<b>Regent's Park.</b>	
M. 27, { yellow fever .....	10 days
{ intermittent fever .....	5 days
{ typhus .....	32 hours
<b>Kentish Town.</b>	
F. 66, typhus .....	nearly 5 weeks
<b>ISLINGTON; West.</b>	
M. 74, febris .....	*
M. 65, fever .....	*
M. 72, typhus .....	1 week
<b>East.</b>	
M. 7, { febris .....	3 weeks
{ marasmus after pertussis .....	1 year
M. 3, fever .....	about 17 days
<b>HACKNEY; Hackney.</b>	
F. 35, { fever .....	15 days
{ hepatitis and aphtha .....	*
<b>St. GILES; St. George, Bloomsbury.</b>	
M. 33, typhus .....	12 days

**University College H. (continued):**—

F. 25, vesica, vaginal fistula, extensive pelvic abscesses—instruments employed on the second day of labour .....	9 weeks ago
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*See Violent Deaths.*

**Fever H.:**—

M. 43, { fever .....	*
{ from St. George-in-the-East—in hospital 2 days .....	*
M. 60, { fever .....	12 days
{ parotid bubo .....	*
(post mort.) { from St. Martin's—in hospital 8 days .....	*
F. 53, { fever .....	*
{ in hospital 12 hours .....	*
F. 23, { fever .....	*
(post mort.) { cirrhosis of liver .....	*
{ enlarged spleen .....	of long standing
{ from Camberwell—in hospital 1 day .....	*

**Small Pox H.:**—

M. 22, { smallpox, confluent (unprotected) .....	13 days
{ hospital gangrene .....	5 days

**King's College H.:**—

M. 30, inflammation and gangrene of the lung .....	*
--	---

**St. Bartholomew's H.:**—

M. 17, chronic disease of the heart and intestines .....	*
F. 18, rheumatic endocarditis, followed by scarlatina and hydrothorax .....	*
F. 36, disease of the heart .....	*
F. 42 (post mort.), perforation of intestines .....	*

**St. Bartholomew's H. (continued):**—

F. 47, general debility .....	*
M. 43, { general debility of the system, producing erysipelas .....	about 1 month

*See Violent Deaths.*

**London H.:**—

M. 38, phthisis .....	*
M. 67, abscess .....	*
F. 75, disease of the heart .....	*

**St. Thomas' H.:**—

M. 42, { chronic meningitis .....	6 months
{ paraplegia .....	5 days
M. 33, morbus cordis .....	*
M. 20, anasarca and sloughing of feet .....	*
M. 56, { diseased kidneys .....	*
(post mort.) { hydrops .....	3 months
F. 10 wks., diarrhoea .....	2 weeks
M. 54 (post mort.), diseased kidneys and bladder .....	*
M. 12, diseased brain .....	*
M. 74, diseased bladder .....	*

*See Violent Deaths.*

**Guy's H.:**—

M. 45 (p.m.), peritonitis—ruptured intestine .....	*
M. 36, pneumothorax, with phthisis .....	*
M. 32 (post mort.), stone in the bladder—suppuration about the kidneys .....	*
M. 29 (post mort.), caries of sacrum, and abscess bursting into the rectum .....	*
M. 23 (p.m.), typhus—ulceration of intestines, 21 days .....	*

**Dreadnought H.:**—

M. 15, { typhus .....	15 days
(post mort.) { ulceration of Peyer's glands .....	*

**Typhus, &c. (continued):**—

<b>STRAND; St. Ann.</b>	
M. 55, fever .....	5 days
<b>HOLBORN; St. George the Martyr.</b>	
F. 3, fever—effusion on the brain .....	3 weeks
<b>St. Andrew East.</b>	
M. 64, fever—bronchitis .....	*
F. 36, fever .....	12 days
<b>St. JAMES, CLERKENWELL; St. James.</b>	
M. 70, gastric fever .....	*
<b>St. LUKE; Finsbury.</b>	
F. 1, diarrhoea and fever .....	1 week
F. 3, diarrhoea and fever .....	10 days
<b>EAST LONDON; Cripplegate.</b>	
M. 51, fever .....	14 days
<b>St. LEONARD; Hoxton New Town.</b>	
F. 36, typhus .....	*
<b>SHOREDITCH; Holywell and Moorfields.</b>	
M. 43, { typhus .....	5 days
{ pleuro-pneumonia .....	3 days
<b>St. Leonard.</b>	
F. 4, typhus .....	5 days
<b>Haggerstone, East.</b>	
M. 5, typhus .....	2 weeks
M. 7 mon., { fever of a typhoid character .....	*
{ diarrhoea .....	5 days
<b>Haggerstone, West.</b>	
M. 73, low continued fever .....	*
F. 70, fever .....	*
F. 72, fever .....	*
<b>BETHNAL GREEN; The Town.</b>	
F. 4, fever .....	4 days
<b>Hackney-road.</b>	
M. 11, fever—effusion of serum into the brain, 3 weeks .....	3 weeks
<b>WHITECHAPEL; North.</b>	
M. 5 mon., febris .....	*
<b>Goodman's Fields.</b>	
F. 6, febris .....	*
<b>St. GEORGE IN THE EAST; St. Mary's.</b>	
F. 39, continued fever .....	16 days
<b>STEPNEY; Limehouse.</b>	
M. 4, fever .....	3 weeks
M. 7, typhus .....	10 days
<b>—Mile End, Old Town (Lower).</b>	
M. 49, fever .....	18 days
<b>St. SAVIOUR; Christchurch.</b>	
F. 37, fever .....	*
<b>LAMBETH; Waterloo (first part).</b>	
M. 15, fever .....	*
<b>CAMBERWELL; Peckham.</b>	
M. 36, fever .....	5 days
M. 5, typhus .....	4 weeks
<b>ROTHERHITHE; Rotherhithe.</b>	
M. 11 mon., { typhus .....	14 days
{ no medical attendant .....	*
<b>GREENWICH; Woolwich Dockyard.</b>	
F. 46, typhus .....	8 days
<b>East.</b>	
F. 66, fever .....	14 days
<i>See Hospital Returns.</i>	
<b>Ague:</b> —	
F. 3, { intermittent fever .....	10 days
{ hydrocephalus .....	3 days
<b>Remittent Fever:</b> —	
M. 1, febris remittens—meningitis .....	8 days
<b>Infantile Fever:</b> —	
M. 4, { infantile fever .....	11 weeks
{ hydrocephalus .....	15 days
F. 11 mon., infantile fever .....	*

**Syphilis:**—

*See Return of St. George's Hospital.*

**Hæmorrhage:**—

F. 74, epistaxis .....	1 week
M. 44, hæmorrhage from the left lung .....	*

*Other cases of hæmorrhage are included under hæmatemesis, apoplexy, &c.*

**Malformation:**—

M. 13 days (post mort.), congenital debility and patulous foramen ovale .....	*
F. 11 days, marasmus—spina bifida .....	*
F. 7 days, malformation of the brain—no medical attendant .....	*
F. 7 mon., cyanosis .....	*

**Hernia:**—

F. 32, { intestinal obstruction .....	3 days
{ presumed rupture of intestines .....	*

*See Return of Guy's Hospital.*

**Diabetes:**—

F. 76, diabetes .....	5 years
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**Stone:**—

*See Return of Guy's Hospital.*

<b>Childbirth:</b> —The time elapsing from commencement of labour to death should invariably be returned.	
F. 36, { puerperal fever .....	3 weeks
{ diarrhoea .....	7 days
F. 39, puerperal peritonitis .....	5 days
F. 28, { delivery .....	4 days
{ peritonitis .....	*

*See Return of University College Hospital.*

**Phthisis and Childbirth:**—

F. 34, phthisis (16 days after childbirth) .....	*
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**Delirium Tremens:**—

M. 30, delirium tremens .....	3 days
M. 37, delirium tremens .....	2 days
M. 41, delirium tremens .....	5 days

**Intemperance:**—

M. 54, vertigo and gradual sinking from debility—much addicted to drink .....	7 days
F. 32, chronic pneumonia, from constant intoxication .....	3 years

*See cases of Fever.*

**Privation:**—

{ cholera morbus .....	5 days
F. 1, { improper and occasionally insufficient .....	*
{ nutrition .....	*
{ one of twins—the parents were Irish poor .....	*
F. 2, wasting from starvation .....	*

**Want of Breast-milk:**—

F. 3 mon., atrophy from innutritious diet .....	2 months
F. 2 weeks, inanition from want of breast-milk .....	*
M. 7 mon., { convulsions .....	6 days
{ partly caused by the kind of food administered. The child was weaned, from the mother being serious ill .....	*
F. 7 weeks, { gastric irritation .....	7 days
{ diarrhoea .....	7 days
{ artificial food from birth .....	*
M. 6 weeks, atrophy from want of breast-milk .....	*
M. 7 mon., weaning—diarrhoea .....	*

**Purpura:**—

M. 5, { purpura hæmorrhagica .....	6 weeks
{ cachexia .....	*
F. 5, eruption on the skin—blue spots (no medical attendant) .....	*
M. 4, { purpura .....	23 days
{ dysentery .....	21 days
M. 5, quinsy .....	2 days
M. 5, purpura .....	*

**Hæmatemesis:**—

F. 67, hæmorrhage from the viscera .....	3 days
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**Miscellaneous Causes:**—

F. 32 (inquest), natural death—frigit .....	sudden
F. 45, ovarian dropsy .....	18 months

*frigit, 1; other specified causes, 6; "natural death,"*

ANALYSIS OF CASES IN WHICH INQUESTS WERE HELD.—Violence, 27; apoplexy, 8; disease of heart, 1; "visitation of God," "found dead," &c., 6.—TOTAL, 49 cases.  
THE NUMBER OF CASES in which it is recorded that a POST MORTEM EXAMINATION was made, is 43.

METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH,  
During the Week ending Saturday, 7th August, 1847.

Day.	Phases of the Moon	Mean height of the Barometer, from 12 Observations, (corrected and reduced to 32 degree Fahrenheit.)	Readings of Thermometers										Difference between the mean Dew Point Temperature and Air Temperature			Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 25 years	WIND					Mean Amount of Cloud, 0-10	Rain in inches, read at 9 o'clock the next morning																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
			Dry			Dew Point	In the Water of the Thames at Greenwich, by the self- registering Thermometer, read at 9 o'clock next morning	Highest	Lowest	Mean	Greatest	Least	General Direction		Pressure in lbs. on the square foot		Amount of Horizontal Movement of the Air in each day																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
			High- est from 12 Obs.	Low- est from 12 Obs.	Mean from 12 Obs.	Mean from 12 Obs.							A.M.	P.M.	Greatest			Least	Mean of 12 Obs.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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DAY	ELECTRICITY	Circumstances accompanying the exhibition of Electricity	GENERAL REMARKS
SUN.	Positive and tension strong at every examination.		The sky was generally cloudless throughout the day.
MON.	Positive and tension strong throughout the day, except at 1h. 30m., and 3h. 30m. a.m., and at midnight, when nothing was shewn.		The sky was mostly cloudless till 6h. p.m., and overcast afterwards till midnight. At 5h. a.m. a lunar halo was visible of 23s radius.
TUES.	Nothing was shewn till 7h. a.m.; during the remainder of the day it was positive, with variable tension.		Overcast till 3h. a.m.; cloudless till 7h. a.m.; from this time till 6h. p.m. the amount of cloud was variable; cloudless afterwards till midnight.
WED.	Positive and tension generally weak throughout the day.		Cloudless till 7h. a.m.; from this time till 6h. p.m. about three-fourths of the sky were covered. Overcast afterwards till midnight.
THURS.	Positive and weak till 3h. p.m.. From 3h. 45m. till 5h. 30m. p.m. strong negative electricity was shewn, with frequent sparks, and a galvanic current; the latter, however, of small amount, and of short duration.		Overcast throughout the day: a slight shower of rain fell at 0h. 30m. a.m. From 3h. 45m. p.m. till 5h. 30m. p.m. rain was falling heavily. The amount collected was six-tenths of an inch.
FRI.	Positive and tension very uniform throughout the day.		Generally overcast till 6h. p.m. From 6h. p.m. till 10h. p.m. the amount of cloud was small; cloudless afterwards till midnight.
SAT.	Positive and tension variable till 6h. p.m. Nothing was shewn afterwards till mid- night.		The amount of clouds was variable till 9h. a.m.; from this time till 6h. p.m. the sky was generally overcast; and about one-half of it was covered between 6h. p.m. and midnight. A shower of rain fell at 8h. 30m.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The amount of clouds is estimated by considering a clear sky to be represented by 0, a cloudy sky by 10; and when partially cloudy by estimating the number of tenths of the whole sky covered with cloud. The observations are taken every two hours, day and night.

The readings of the two self-registering thermometers, the one placed in the full rays of the sun, and the other placed on grass fully exposed to the sky, are taken every morning at 9 A.M., and therefore exhibit the highest and lowest readings respectively, that have occurred in the previous 24 hours. They are, however, placed here opposite to the civil day which precedes that on which the thermometers are read.

Whewell's anemometer (from the indications of which the estimation of horizontal movement is made) is read at 10 A.M., and the result given is for the 24 hours preceding. It is placed here opposite to the civil day, which precedes that on which the anemometer is read.

The average temperature for 25 years is furnished by Mr. Henry, Assistant at the Royal Observatory, from the observations made at his residence in the neighbourhood of Greenwich Park.

\* In reading the 16th column, it will be borne in mind that + is read "higher," and - "lower," than the average.

The temperature of the water of the Thames is ascertained by the use of a self-registering thermometer, suspended from the side of the Dreadnought Hospital Ship, at the depth of about 2 feet below the surface. The readings of this instrument are registered under the superintendence of Lieutenant Sanders, R.N., Superintendent of the Dreadnought. The mean reading of a thermometer placed on the mainmast, and read each day at 6h. 30m. A.M., was 56 6; and the mean reading at 7h. 30m. P.M., was 63 6; the mean readings at the Royal Observatory for the same times were 56 3 and 63 4 respectively.

† The direction of the wind for the week was variable.

# Births and Deaths registered in London,

During the Week ending Saturday, August 14th, 1847.

ANNUAL SERIES VIII.]

PUBLISHED BY AUTHORITY OF THE REGISTRAR GENERAL.

[No. 33.]

Causes of Death	Age			Total	Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population	5 Summers	Causes of Death.	Age			Total	Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population	5 Summers
	0 to 15	15 to 60	60 and upwards					0 to 15	15 to 60	60 and upwards			
ALL CAUSES.....	599	298	208	*1108	940		IV.—Laryngitis .....	..	2	1	3	1	
SPECIFIED CAUSES.....	598	298	207	*1106	935		Quinsey .....	1	..	2	3	2	
I.—Zymotic Diseases .....	291	55	45	*392	226		Bronchitis .....	5	6	15	26	12	
SPORADIC DISEASES—							Pleurisy .....	..	..	1	1	2	
II.—Dropsy, Cancer, and other Diseases of uncertain or variable Seat .....	84	25	20	*130	103		Pneumonia .....	32	5	2	39	46	
III.—Diseases of the Brain, Spinal Marrow, Nerves and Senses .....	96	28	31	155	157		Hydrothorax .....	..	1	2	3	3	
IV.—Diseases of the Lungs, and of the other Organs of Respiration .....	61	109	35	205	226		Asthma .....	..	..	3	3	8	
V.—Diseases of the Heart and Blood-vessels .....	..	17	9	26	25		Phthisis (or Consump- tion) .....	23	91	6	120	142	
VI.—Diseases of the Stomach, Liver, and other Organs of Digestion .....	56	24	18	*99	94		Disease of Lungs, &c. ....	..	4	3	7	11	
VII.—Diseases of the Kidneys, &c. ....	1	2	3	6	8		V.—Pericarditis.....	..	1	..	1	1	
VIII.—Childbirth, Diseases of the Uterus, &c. ....	..	10	1	11	10		Aneurism .....	..	1	..	1	8	
IX.—Rheumatism, Diseases of the Bones, Joints, &c. ....	4	3	1	8	7		Disease of Heart, &c. ....	..	15	9	24	23	
X.—Diseases of the Skin, Cellular Tissue, &c. ....	..	2	3	5	2		VI.—Teething.....	16	..	..	16	19	
XI.—Old Age .....	..	..	37	37	50		Gastritis .....	1	..	2	3	24	
XII.—Violence, Privation, Cold and Intemperance .....	5	23	4	32	28		Enteritis .....	10	4	5	19	2	
I.—Small Pox .....	25	1	..	26	14		Peritonitis .....	2	3	..	5	2	
Measles .....	53	1	..	54	28		Tabs Mesenterica.....	17	..	..	*18	15	
Scarlatina .....	16	..	..	16	39		Worms .....	2	..	..	2	6	
Whooping Cough .....	9	..	..	9	23		Ascites .....	..	..	..	..	2	
Croup .....	3	..	..	3	6		Ulceration (of Intestines, &c.) .....	1	1	..	2	3	
Thrush .....	11	..	..	11	9		Hernia .....	..	1	1	2	2	
Diarrhoea .....	136	5	16	*158	55		Colic or Ileus.....	1	1	1	3	3	
Dysentery .....	4	..	9	13	6		Intussusception .....	2	..	..	2	5	
Cholera .....	10	4	3	17	7		Stricture (of the Intestinal Canal) .....	..	1	..	1	6	
Influenza .....	..	..	..	..	8		Hæmatemesis.....	..	..	..	..	9	
Ague .....	..	1	..	1	3		Disease of Stomach, &c. ..	3	2	3	8	7	
Remittent Fever.....	3	..	1	4	7		Disease of Pancreas .....	..	..	..	..	..	
Typhus .....	18	37	15	70	30		Hepatitis .....	..	1	1	2	3	
Erysipelas .....	2	6	1	9	5		Jaundice .....	1	..	..	1	3	
Syphilis .....	1	..	..	1	1		Disease of Liver, &c. ....	..	10	5	15	10	
Hydrophobia .....	..	..	..	..	..		Disease of Spleen.....	..	..	..	..	2	
II.—Hæmorrhage .....	..	2	..	2	3		VII.—Nephritis.....	..	..	..	..	4	
Dropsy .....	2	5	9	16	23		Ischuria .....	..	..	..	..	..	
Abscess .....	1	..	..	1	2		Diabetes .....	..	..	..	..	6	
Noma .....	..	..	..	..	2		Cystitis .....	..	..	1	1	3	
Mortification .....	..	13	..	3	6		Stone .....	..	..	..	..	5	
Purpura .....	..	..	..	..	3		Stricture (of the Urethra) ..	..	..	..	..	1	
Scrofula .....	1	3	..	4	4		Disease of Kidneys, &c. ..	1	2	2	5	5	
Cancer .....	..	10	7	17	12		VIII.—Childbirth .....	..	7	..	7	6	
Tumour .....	..	..	..	..	9		Paramenia .....	..	3	..	2	3	
Gout .....	..	1	..	1	9		Ovarian Dropsy .....	..	..	..	..	5	
Atrophy .....	43	..	2	45	20		Disease of Uterus, &c. ....	..	1	1	2	3	
Debility .....	25	..	..	25	22		IX.—Arthritis .....	1	..	..	1	..	
Malformations .....	6	..	..	6	2		Rheumatism .....	..	2	1	3	3	
Sudden Deaths (including Coroners' Inquests, in which it is not shewn from what diseases or causes the persons died.)	6	1	2	*10	9		Disease of Joints, &c. ....	3	1	..	4	4	
III.—Cephalitis .....	10	1	..	11	13		X.—Carbuncle .....	..	..	2	2	1	
Hydrocephalus .....	33	..	..	33	37		Phlegmon .....	..	1	..	1	2	
Apoplexy .....	3	11	15	29	18		Ulcer .....	..	..	1	1	4	
Paralysis .....	..	8	14	22	15		Fistula.....	..	..	..	..	3	
Convulsions .....	48	1	..	49	54		Disease of Skin, &c. ....	..	1	..	1	6	
Tetanus .....	1	1	..	2	4		XI.—Old Age .....	..	..	37	37	50	
Chorea .....	..	..	..	..	1		XII.—Intemperance .....	..	2	1	3	1	
Epilepsy .....	..	2	1	3	5		Privation .....	..	1	..	1	4	
Insanity .....	..	..	..	..	1		Violent Deaths .....	5	20	3	28	27	
Delirium Tremens.....	..	..	..	..	3		Causes not Specified.....	1	..	1	2	5	
Disease of Brain, &c. ....	1	4	1	6	10								

5 Summers.

Weekly Average derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population

Males .....

Deaths registered in the Week

Males .....

Births registered in the Week

Males .....

\* The ages of 3 persons, whose deaths are included respectively under diarrhoea, tabs mesenterica, and sudden, are not stated.

DISTRICTS OF LONDON, Comprising 135 Registrars' Districts.		Area in square Miles	Population Enu- merated in 1841	Weekly Average derived from Deaths of 1842-6, and corrected for increase of Population	DEATHS registered in the Week	BIRTHS registered in the Week
				5 Summers		
WEST DISTRICTS	{ Kensington; Chelsea; St. George, Hanover-square; Westminster; St. Martin in the Fields; St. James .....	17.2	301,326	137	168	151
NORTH DISTRICTS	{ St. Marylebone; St. Pancras; Islington; Hackney; part of Edmonton, viz. Hampstead	20.5	376,396	175	229	227
CENTRAL DISTRICTS	{ St. Giles and St. George; Strand; Holborn; Clerkenwell; St. Luke; East London; West London; City of London .....	2.8	374,759	173	200	235
EAST DISTRICTS	{ Shoreditch; Bethnal Green; Whitechapel; St. George in the East; Stepney; Poplar .....	8.8	393,247	212	236	265
SOUTH DISTRICTS	{ St. Saviour; St. Olave; Bermondsey; St. George, Southwark; Newington; Lambeth; Wandsworth and Clapham; Camberwell; Rotherhithe; Greenwich; Lewisham	66.2	502,483	244	275	354
TOTALS .....		115.5	1,948,211	940	1108	1232

DEATHS registered in LONDON, in corresponding series of weeks of eight years :—

No. of week. . 27		28	29	30	31	32	33	Average of 7 weeks
1840	365	892	876	854	873	913	900	882
1841	779	785	780	802	783	826	800	793
1842	773	813	772	910	918	902	937	868
1843	936	782	815	774	841	826	820	813

DEATHS from *Purpura* or from *Scurvy* in LONDON :—

YEARS	Quarters of 13 weeks each, ending in				Total in the Year
	March	June	Sept.	Dec.	
1842	3	5	4	4	16
1843	2	1	6	4	13
1844	5	3	7	6	21
1845	2	4	11	8	25
1846	5	9	9	5	28
1847	16	25			

EXTRACTS FROM THE METROPOLITAN RETURNS OF THE PREVIOUS WEEK, No. 32.  
(The tabular abstract on the first page is for the week ending Saturday, Aug. 14th. The following selection of cases is made from the returns for the week ending Aug. 7th.)

RETURNS OF VIOLENT DEATHS, MADE CHIEFLY BY CORONER.

NOTE.—The cases of violence not returned by the Coroner, have the words "no inquest."

# THIRTEEN HOSPITALS.—CAUSES OF DEATHS (NOT VIOLENT) AS RETURNED BY THE MEDICAL OFFICERS.

NOTE.—Deaths in hospitals from fractures, wounds, burns, scalds, poison, are not contained in this list. See deaths by violence.

St. George's H.:	duration	Fever H.:	duration	St. Thomas' H.:	duration
F. 14, cellular inflammation—abscess in the lungs, &c.	*	M. 35, { fever in hospital 11 days.	12 days	M. 56, bronchitis—anasarca—albuminuria ..	*
F. 37, dropsy, &c.	*	F. 20, { fever in hospital 11 days.	*	See Violent Deaths.	
F. 38, diffuse cellular inflammation of the knee	*	F. (age unknown), { fever in hospital 1 day.	*	Guy's H.:	
Westminster H.:		Small Pox H.:		F. 26, phlegmonous inflammation of the leg ..	*
F. 9, cancrum oris, with typhoid fever .....	*	F. 22, small pox, confluent, unprotected .....	12 days	F. 19 (inquest—post mort.), perforation of the intestines from natural causes .....	1 week
Charing Cross H.:		F. 11 mon., small pox, confluent, unprotected .....	10 days	F. 25 (post mort.), ulcer of colon—phthisis ..	6 months
F. 70, paralysis, with subsequent fever .....	*	King's College H.:		See Violent Deaths.	
Middlesex H.:	No deaths registered.	M. 48, phthisis .....	2 months	Dreadnought H.:	
University College H.:		M. 7 (post mort.), hydrocephalus .....	1 month	M. 10, { typhus, with ulceration of Peyer's glands .....	26 days
M. 57, fatty degeneration of kidneys .....	*	M. 21 (p.m.), abscess connected with rectum ..	3 years	(post mort.) { perforation of ilium .....	74 hours
M. 26, { disease of the elbow joint .....	9 days	M. 55, phthisis .....	*	M. 15, { febrile symptoms .....	about 1 week
M. 26, { amputation .....	9 days	F. 19, { childbirth .....	15 days	(post mort.) { rapid succession of epileptic fits ..	21 hours
M. 53, hydrocephalus .....	9 months	F. 19, { puerperal fever .....	*	{ bloody serum in the lateral ven-	
M. 53, { strangulated umbilical hernia .....	42 hours	St. Bartholomew's H.:		{ tricles .....	
M. 53, { operation .....	31 hours	M. 34, emphysema and ulceration of intestines after fever ..	*	{ numerous minute abscesses in the liver ..	
M. 53, { extensive peritonitis .....	31 hours	M. 31, { ulceration of urethra .....	*	M. 40, { anasarca from cardiac disease .....	7 weeks
M. 53, { fatty liver—ascites—cystoid disease of ovary ..	18 days	M. 25, phthisis .....	*	(post mort.) { pulmonary apoplexy .....	5 days
M. 53, { paracentesis—peritonitis .....	18 days	London H.:		M. 62 (post mort.), empyema and pneumo-	
See Violent Deaths.		M. 51, retention of urine .....	*	thorax, consequent on abscess in the left lung ..	about 7 weeks
		M. 5, dropsy after scarlet fever .....	*		
		M. 51, phthisis .....	*		
		See Violent Deaths.			

## DEATHS BY SMALL POX, TYPHUS, ETC., SYPHILIS, MALFORMATION, HERNIA, DIABETES, STONE, CHILDBIRTH, DELIRIUM TREMENS, INTemperance, PRIVATION, PURPURA, HÆMORRHAGE, ETC.

Small Pox:	duration	Typhus, &c. (continued):	duration	Remittent Fever:	duration
NOTE.—It should be stated in all cases whether vaccination had been performed with effect.		BETHNAL GREEN; The Town.		M. 39, general debility, induced by remittent fever .....	7 months
M. 3, small pox .....	*	F. 10, mon., fever .....	1 week	F. 11, remittent fever and bronchitis .....	*
F. 2, small pox .....	14 days	WHITECHAPEL; Spitalfields.		M. 10 mon., remittent fever .....	*
{ small pox .....	12 days	F. 32, typhus .....	12 days	F. 3, remittent fever—atrophy .....	6 months
{ vaccinated 21 days before death; the brother of this child having been attacked with small pox, the latter was immediately vaccinated, but without effect, and in a few days afterwards variola appeared.		Mile End, New Town.		Syphilis:	
M. 7 weeks, { .....		F. 54, typhus .....	10 days	F. 5 months, syphilis .....	*
{ .....		North		M. 2 mon., secondary symptoms .....	from birth
F. 30, variola .....	14 days	M. 51, typhus .....	*	F. 22, { syphilis .....	2 years
{ small pox .....		F. 69, typhus .....	*	{ phthisis .....	6 months
{ vaccinated 3 years ago without effect.		F. 34, typhus .....	*	Malformation.—	
F. 10 mon., small pox (not vaccinated) .....	9 days	F. 29, synochus .....	*	F. 2 weeks, cyanosis .....	*
M. 3, variola confusiva maligna (not vaccina) ..	20 days	F. 63, typhus .....	3 weeks	F. 9 weeks, malformation of the palate and upper lip ..	*
M. 5 weeks, small pox (natural) .....	12 days	Goodman's Fields.		Hernia:	
M. 5 weeks, { variola .....	12 days	F. 7, febris .....	*	F. 48, { strangulated hernia .....	35 hours
M. 5 weeks, { pneumonia .....	2 days	Aldgate.		(p.m.) { operation .....	34 hours
M. 5 weeks, { small pox (not vaccinated) ..	9 days	STEPNEY; Limehouse.		{ peritonitis .....	*
M. 5 weeks, { variola, indistinct, with purple spots ..	3 days	M. 2, fever .....	3 weeks	See Return of University College Hospital.	
{ second attack—vaccination attempted 2 years ago without effect.		Mile End, Old Town (Upper).		Diabetes.—No deaths registered from this cause.	
M. 2, variola (not vaccinated) .....	19 days	F. 28, { fever .....	3 weeks	Disease of the Heart and Diabetes:	
M. 3, small pox (first attack—not vaccinated) ..	8 days	{ sloughing of the face .....	8 days	F. 54, disease of heart—diabetes—anasarca ..	*
See Return of Small Pox Hospital.		Mile End, Old Town (Lower).		Stone:	
		M. 41, fever—dropsy .....	19 days	F. 79, calculus—cystitis .....	*
		POPULAR; Poplar.		Childbirth:—The time elapsing from commencement of labour to death should invariably be returned.	
		M. 40, typhus .....	16 days	{ debility from parturition .....	3 months
		Bow and Bromley.		F. 28, { typhus .....	8 days
		F. 6, typhus .....	4 weeks	{ menorrhagia .....	3 days
		St. SAVIOUR; St. Saviour.		F. 36, { childbirth .....	2 hours
		F. 63, fever .....	*	{ placenta prævia—hæmorrhage in labour ..	
		Christchurch.		See Return of King's College Hospital.	
		F. 40, fever .....	1 month	Disease and Childbirth:	
		St. OLAVE; St. John.		F. 30, { ovarian tumour .....	*
		F. 20, febris .....	3 days	(p.m.) { difficult parturition (first pregnancy) ..	
		BERMONDSEY; The Leather Market.		{ gradually sunk .....	10 days
		M. 24, { fever .....	12 days	F. 32, { cancer of the womb .....	9 months
		{ abscess of the parotid gland .....	6 days	(p.m.) { rupture of the womb during labour ..	
		F. 30, { fever .....	7 days	Delirium Tremens:	
		{ diarrhoea .....	4 days	M. 31, delirium tremens .....	*
		St. GEORGE; Borough-road.		Intemperance:	
		F. 50, typhus .....	7 days	M. supposed to be a dealer in hides, about 35 (inquest), natural—inflammation of the brain and membranes during drunkard's disease of the liver and kidneys .....	*
		F. 64, typhus .....	5 days	Wife of a gentleman, 35 (inq.), apoplexy following intoxication with spirituous liquors during several months ..	
		St. MARY, NEWINGTON; Trinity.		F. 36 (inq.), excessive indulgence in spirituous liquors .....	during 4 days
		F. 19, { coma .....	1 day	Privation.—No deaths registered from this cause.	
		LAMBETH; Waterloo (2nd part).		Want of Breast-milk:	
		M. 22, { typhus .....	9 days	M. 6 weeks, { weaning .....	3 days
		{ pneumonia .....	7 days	F. 31 days, weaning; marasmus .....	*
		Kennington (2nd part).		M. 12 days, deprived of its natural food, from the mother being dead .....	*
		F. 23, typhus .....	*	M. 23 days, debility from want of breast-milk ..	*
		M. 34, fever .....	9 days	Three girls, 6 weeks (at one birth), atrophy from want of breast-milk ..	*
		GREENWICH; St. Paul's, Deptford.		Purpura:	
		F. 53, fever .....	*	M. 45, purpura hæmorrhagica .....	1 week
		East.		Hæmorrhage:	
		M. 50, fever .....	7 days	{ pulmonary hæmorrhage .....	— years
		M. 12, { fever .....	6 weeks	M. 54, { fits .....	
		{ tabes .....	4 months	{ died in 15 minutes .....	
		F. 77, fever .....	23 days	Hæmatemesis:—No deaths registered from this cause.	
		WANDSWORTH, &c., Putney.		Miscellaneous Causes:	
		F. 32, { fever .....	5 days	F. 60, { cirrhosis .....	10 days
		(p.m.) { peritonitis .....	16 hours	(p.m.) { fever .....	8 days
		Battersea.		{ pleuritis .....	9 days
		F. 11, typhus .....	10 days	{ rheumatic meningitis .....	*
		See Hospital Returns.		M. 34, { debility arising from repeated attacks of colica pictorum ..	*
		Ague:			
		F. 70, general decay—ague .....	about 18 months		

ANALYSIS OF CASES IN WHICH INQUESTS WERE HELD.—Violence, 50; apoplexy, 4; disease of the heart, 3; intemperance, 3; other specified causes, 4;

"natural death" "visitation of God," "found dead," &c., 4.—TOTAL, 68 cases.

THE NUMBER OF CASES in which it is recorded that a POST MORTEM EXAMINATION was made, is 34.

# METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH,

During the Week ending Saturday, 14th August, 1847.

Day.	Phases of the Moon	Mean height of the Barometer, from 12 Observations, (corrected and reduced to 32 degrees Fahrenheit.)	Readings of Thermometers										Difference between the Dew Point Temperature and Air Temperature			Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 25 years	WIND							Mean Amount of Cloud, 9-10 in the forenoon, read at 9 o'clock	
			Dry			Dew Point Mean from 12 Rise	Highest in the sun, as shown by a self-regist- ing Thermometer	Lowest on the grass, as shown by a self-regist- ing Thermometer	In the Water of the Thames at Greenwich, by the self- registering Thermometer, read at 9 o'clock next morning		Mean of 12 Diff.	Greatest	Least	General Direction			Pressure in lbs. on the square foot			Amount of Horizontal Movement of the Air in each day					
			Highest from 12 Obs.	Low- est from 12 Obs.	Mean from 12 Obs.																				
									Highest	Lowest															
AUGUST,		in.	°	°	°	°	°	°	°	°	°	°	°	°											
SUN.	8						89.2	43.0	69.2	65.0							W.S.W.	S.W.	1.5	0.0	0.1	210	5.0	0.	
MON.	9	29.663	66.7	51.2	57.2	50.6	80.5	39.5	68.0	64.0	6.6	13.9	1.0	- 5.2		S.W.	S.W.	0.5	0.0	0.1	115	8.0	0.	0.	
TUES.	10	29.773	63.5	49.4	57.2	54.1	83.0	43.0	67.0	63.5	3.1	7.2	0.4	- 5.9		Calm and S.S.W.	S.S.W.	2.3	0.0	0.3	135	9.2	0.	0.	
WED.	11	New	29.956	74.7	54.0	64.5	57.0	97.3	48.0	64.2	63.2	7.5	15.5	0.0	+ 1.1		S.W. Calm and W.S.W.	S.W.	0.3	0.0	0.0	205	5.8	0.	0.
THU.	12		29.981	82.0	62.0	71.1	65.1	98.8	51.5	65.0	64.5	6.0	14.1	1.2	+ 8.5		Calm and S.W.	S.W.	0.2	0.0	0.0	115	7.5	0.	0.
FRI.	13		30.084	80.7	54.9	66.8	59.0	100.5	35.0	65.5	64.8	7.8	18.4	0.0	+ 4.5		W. Calm and N. by E.	E.S.E. and Calm	0.0	0.0	0.0	75	6.8	0.	0.
SAT.	14	In Equator.	30.175	75.7	50.5	62.3	55.2	94.7	43.0	65.2	65.0	7.1	15.8	0.0	- 0.2		Calm and N.E.	E.N.E. and Calm	1.0	0.0	0.1	70	3.1	0.	0.
MEANS			29.939	73.9	53.7	63.2	56.8	92.0	43.3	66.3	64.3	6.4	14.2	0.4	+ 0.5								Sum 925	6.5	St

DAY	ELECTRICITY	Circumstances accompanying the exhibition of Electricity	GENERAL REMARKS
SUN.	Nothing was shewn during the morning. Slightly negative at 1h. 30m. p.m. Positive and tension moderate in the evening.	Heavy clouds about.	Detached cumuli, cirrostratus, and scud generally covered about one-half of the sky till about noon. Between 1h. 50m. and 2h. 40m. p.m. there was a thunder storm. Rain was falling very heavily, and several peals of thunder were heard, mostly in the N.W. At 2h. 35m. a very vivid flash of lightning was seen, followed by thunder, after an interval of 3 sec. During the remainder of the day about one-half of the sky was covered.
MON.	Slightly positive at 9h. a.m., and from 8h. p.m. till midnight. Nothing was shewn at any other times.		Fleecy clouds and cirrostratus covered about one-third of the sky till 4h. a.m. Mostly overcast from this time till 10h. p.m., and partially clear during the remainder of the day.
TUES.	Positive but weak at 1h. a.m., at about 10.00, and from 7h. till 10h. p.m. Nothing was shewn at any other times.		The sky was nearly cloudless till 2h. a.m., and generally overcast during the rest of the day. A thin rain was falling at intervals from 7h. a.m. till 10h. p.m.
WED.	Positive and tension moderate from 5h. a.m. till 6h. p.m. At other times nothing was shewn.		Cloudless till 2h. a.m.; from this time till noon about three-fourths of the sky were covered during the remainder of the day the amount of cloud was very variable; at midnight the sky was overcast.
THURS.	Nothing was shewn throughout the day.		Overcast till 7h. 30m. a.m.; from this time till 10h. a.m. one-half of the sky was covered; nearly overcast till 8h. p.m., and generally clear from 8h. p.m. till midnight. The prevailing clouds were cirrostratus and scud.
FRI.	Positive and tension generally strong from 9h. a.m. till 10h. p.m. Nothing was shewn at any other times.		The sky was overcast till 9h. a.m., and was about one-half covered till 6h. p.m.; overcast at 8h. p.m., and cloudless afterwards till midnight. Cirrostratus, light portions of cirri, and scud, were the prevailing clouds.
SAT.	Nothing was shewn during the day, except at 4h. and 6h. p.m., when it was positive and weak.		The sky was mostly cloudless till 8h. a.m., and nearly overcast till noon; from noon till 10h. p.m. the amount of cloud was small, and it was overcast afterwards till midnight. Cumuli, cirrostratus, fleecy clouds and scud were the kinds of cloud prevalent.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The amount of clouds is estimated by considering a clear sky to be represented by 0, a cloudy sky by 10; and when partially cloudy by estimating the number of tenths of the whole sky covered with cloud. The observations are taken every two hours, day and night.

The readings of the two self-registering thermometers, the one placed in the full rays of the sun, and the other placed on grass fully exposed to the sky, are taken every morning at 9 A.M., and therefore exhibit the highest and lowest readings respectively, that have occurred in the previous 24 hours. They are, however, placed here opposite to the civil day which precedes that on which the thermometers are read.

Whewell's anemometer (from the indications of which the estimation of horizontal movement is made) is read at 10 A.M., and the result given is for the 24 hours preceding. It is placed here opposite to the civil day, which precedes that on which the anemometer is read.

The average temperature for 25 years is furnished by Mr. Henry, Assistant at the Royal Observatory, from the observations made at his residence in the neighbourhood of Greenwich Park.

\* In reading the 16th column, it will be borne in mind that + is read "higher," and - "lower," than the average.

The temperature of the water of the Thames is ascertained by the use of a self-registering thermometer, suspended from the side of the Dreadnought Hospital Ship, at the depth of about 2 feet below the surface. The readings of this instrument are registered under the superintendence of Lieutenant Sanders, R.N. Superintendent of the Dreadnought. The mean reading of a thermometer placed on the mainmast, and read each day at 6h. 30m. A.M., was 58.9; and the mean reading at 7h. 30m. P.M., was 64.3; the mean readings at the Royal Observatory for the same times were 58.6 and 64.0 respectively.

† The direction of the wind for the week is S.W.

Births and Deaths registered in London,  
During the Week ending Saturday, August 21st, 1847.

ANNUAL SERIES VIII.] PUBLISHED BY AUTHORITY OF THE REGISTRAR GENERAL. [No. 34.

Causes of Death	Age			Total	Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population 5 Summers	Causes of Death	Age			Total	Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population 5 Summers
	0 to 15	15 to 60	60 and upwards				0 to 15	15 to 60	60 and upwards		
ALL CAUSES.....	560	301	196	1057	940	IV.—Laryngitis .....	3	..	..	3	1
SPECIFIED CAUSES .....	559	301	196	1056	935	Quinsey .....	..	..	1	1	2
I.—Zymotic Diseases .....	261	59	51	371	226	Bronchitis .....	8	5	8	21	12
SPORADIC DISEASES—						Pleurisy .....	..	3	1	4	2
II.—Dropsy, Cancer, and other Diseases of uncertain or variable Seat .....	68	25	19	112	103	Pneumonia .....	19	3	3	25	46
III.—Diseases of the Brain, Spinal Marrow, Nerves and Senses ..	87	24	35	146	157	Hydrothorax .....	1	1	1	3	3
IV.—Diseases of the Lungs, and of the other Organs of Respiration }	48	109	27	184	226	Asthma .....	..	4	2	6	8
V.—Diseases of the Heart and Blood-vessels }	2	21	7	30	25	Phthisis (or Consump- tion) .....	9	85	8	102	142
VI.—Diseases of the Stomach, Liver, and other Organs of Digestion }	81	29	17	127	94	Disease of Lungs, &c. ....	8	8	3	19	11
VII.—Diseases of the Kidneys, &c. ....	..	5	5	10	8	V.—Pericarditis.....	1	3	..	4	1
VIII.—Childbirth, Diseases of the Uterus, &c. ....	..	12	..	12	10	Aneurism .....	..	2	..	2	.8
IX.—Rheumatism, Diseases of the Bones, Joints, &c. ....	4	7	2	13	7	Disease of Heart, &c. ....	1	16	7	24	23
X.—Diseases of the Skin, Cellular Tissue, &c. ....	3	3	1	7	2	VI.—Teething.....	17	..	..	17	19
XI.—Old Age.....	..	..	31	31	50	Gastritis .....	..	..	1	1	24
XII.—Violence, Privation, Cold and Intemperance }	5	7	1	13	28	Enteritis .....	16	5	3	24	2
I.—Small Pox .....	18	6	..	24	14	Peritonitis .....	2	5	1	8	15
Measles .....	44	..	..	44	28	Tuberc Mesenterica.....	37	..	..	37	.6
Scarlatina .....	29	..	..	29	39	Worms .....	..	..	..	..	2
Whooping Cough .....	21	..	..	21	23	Ascites .....	..	5	..	5	3
Croup .....	3	..	..	3	6	Ulceration (of Intestines, &c.).....	2	1	..	3	2
Thrush .....	2	..	..	2	9	Hernia .....	..	..	1	1	.6
Diarrhoea.....	110	5	23	138	55	Colic or Ileus .....	3	..	1	4	3
Dysentery .....	15	6	2	23	7	Intussusception .....	..	..	..	..	.5
Cholera .....	1	4	6	11	7	Stricture (of the Intestinal Canal) .....	..	..	..	..	.6
Influenza .....	..	..	..	..	.8	Hæmatemesis.....	..	..	1	1	.9
Ague .....	..	..	..	..	.3	Disease of Stomach, &c. ..	2	7	4	13	7
Remittent Fever.....	4	..	..	4	.7	Disease of Pancreas .....	..	..	..	..	..
Typhus .....	11	33	18	62	30	Hepatitis .....	1	2	2	5	3
Erysipelas .....	1	4	2	7	5	Jaundice .....	1	..	..	1	3
Syphilis .....	2	1	..	3	1	Disease of Liver, &c. ....	..	4	3	7	10
Hydrophobia .....	..	..	..	..	..	Disease of Spleen.....	..	..	..	..	.2
II.—Hæmorrhage .....	..	2	..	2	3	VII.—Nephritis.....	..	..	..	..	.4
Dropsy .....	2	3	9	14	23	Ischuria .....	..	..	..	..	..
Abscess .....	3	1	..	4	2	Diabetes .....	..	..	..	..	.6
Noma .....	1	..	..	1	.2	Cystitis .....	..	..	1	1	.3
Mortification .....	..	1	2	3	.3	Stone .....	..	..	..	..	.6
Purpura .....	1	4	..	5	.6	Stricture (of the Urethra) ..	..	..	..	..	1
Scrofula .....	6	2	..	8	4	Disease of Kidneys, &c. ..	..	5	4	9	5
Cancer .....	..	6	4	10	12	VIII.—Childbirth .....	..	10	..	10	6
Tumour .....	..	1	..	1	.9	Paramenia .....	..	..	..	..	.3
Gout .....	..	1	..	1	.9	Ovarian Dropsy .....	..	..	..	..	.5
Atrophy .....	30	..	3	33	20	Disease of Uterus, &c. ....	..	2	..	2	3
Debility .....	20	3	..	22	22	IX.—Arthritis .....	..	1	..	1	..
Malformations .....	4	1	..	5	2	Rheumatism .....	1	5	2	8	3
Sudden Deaths (including Coroners' Inquests, in which it is not shewn from what diseases or causes the persons died.)	1	1	1	3	9	Disease of Joints, &c. ....	3	1	..	4	4
III.—Cephalitis .....	5	..	1	6	13	X.—Carbuncle .....	..	..	..	..	.1
Hydrocephalus .....	32	1	..	33	37	Phlegmon .....	..	1	..	1	.2
Apoplexy .....	4	3	10	17	18	Ulcer .....	1	1	1	3	.4
Paralysis .....	..	3	17	20	15	Fistula.....	..	..	..	..	.3
Convulsions.....	39	1	..	40	54	Disease of Skin, &c.....	2	1	..	3	.6
Tetanus .....	..	..	..	..	.4	XI.—Old Age .....	..	..	31	31	50
Chorea .....	..	..	..	..	.1	XII.—Intemperance .....	..	..	..	..	1
Epilepsy .....	3	4	2	9	5	Privation .....	2	..	..	2	.4
Insanity .....	..	1	..	1	1	Violent Deaths .....	3	7	1	11	27
Delirium Tremens.....	..	4	..	4	3	Causes not Specified.....	1	..	..	1	5
Disease of Brain, &c. ....	4	7	5	16	10						

Weekly Average derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population		Males .....	479	Deaths registered in the Week	Males .....	520	Births registered in the Week	Males .....	628
		Females .....	461		Females .....	537		Females .....	595
		Total .....	940		Total .....	1057		Total .....	1223

\* A man, who had been many years a pauper of St. Marylebone, is reported to have died in the Rectory sub-district of "typhoid pneumonia," at the advanced age of 102 years.

# DISTRICTS OF LONDON, Comprising 135 Registrars' Districts.

		Area in square Miles	Population Enume- rated in 1841	Weekly Average derived from Deaths of 1842-6 and corrected for increase of Population	DEATHS registered in the Week	BIRTHS registered in the Week
				5 Summers		
WEST DISTRICTS	{ Kensington; Chelsea; St. George, Hanover-square; Westminster; St. Martin in the Fields; St. James	17.2	391,326	137	191	199
NORTH DISTRICTS	{ St. Marylebone; St. Pancras; Islington; Hackney; part of Edmonton, viz. Hampstead	20.5	376,396	175	206	257
CENTRAL DISTRICTS	{ St. Giles and St. George; Strand; Holborn; Clerkenwell; St. Luke; East London; West London; City of London	2.8	374,759	173	207	195
EAST DISTRICTS	{ Shoreditch; Bethnal Green; Whitechapel; St. George in the East; Stepney;	8.8	393,247	212	217	284
SOUTH DISTRICTS	{ St. Saviour; St. Olave; Bermondsey; St. George, Southwark; Newington; Lambeth; Wandsworth and Clapham; Camberwell; Rotherhithe; Greenwich; Lewisham	66.2	502,483	244	236	288
TOTALS		115.5	1,948,211	940	1057	1223

Births and Deaths not caused by Violence, registered in the Metropolis in the last 13 weeks, with the Mean Temperature for the same periods.

	29th May	5th June	12th June	19th June	26th June	3rd July	10th July	17th July	24th July	31st July	7th Aug.	14th Aug.	21st Aug.
BIRTHS	1273	1325	1177	1178	1355	1277	1199	1182	1210	1324	1240	1232	1223
DEATHS (except from Violence)	933	757	820	915	893	865	861	925	877	933	944	1080	1046
Deaths (except from Violence) at 60 yrs. & upwards	198	143	180	187	182	178	173	178	167	155	141	205	195
Diarrhoea	16	11	20	22	21	17	32	43	56	111	106	158	138
Typhus	52	51	44	52	58	61	52	64	57	54	55	70	62
Purpura	3	3	..	3	2	2	..	3	..	4	1	..	5
Mean Temperature	63.4	62.3	54.4	56.0	57.8	61.3	65.5	70.2	63.1	65.9	62.6	63.2	64.1

DEATHS from Purpura or from Scurvy in LONDON;—

YEARS	Quarters of 13 weeks each, ending in				Total in the Year
	March	June	Sept.	Dec.	
1842	3	5	4	4	16
1843	2	1	6	4	13
1844	5	3	7	6	21
1845	2	4	11	8	25
1846	5	9	9	5	28
1847	16	25			

DEATHS registered in LONDON, in corresponding series of weeks of eight years:—

No. of week	28	29	30	31	32	33	34	Average of 7 weeks
1840	892	876	854	873	913	900	845	879
1841	785	780	802	783	826	800	769	792
1842	813	772	910	918	902	987	923	889
1843	782	815	774	841	826	820	867	818
1844	843	908	1078	1026	946	944	948	956
1845	788	878	884	838	929	875	855	864
1846	916	1068	1018	1101	1150	982	917	1023
Average of 7 yrs	831	871	903	911	927	901	875	888
1847	882	944	905	964	998	1108	1057	980

1	2	3	4
Specified Ages	Deaths registered last week in London	Deaths which would have been registered if the rate of mortality had been the same as in Dorsetshire 1838-44	Excess of Mortality in London during the week
0-15	560	279	281
15-35	114	138	24
35-55	151	103	48
55 and upwards	232	164	68
All Ages	1057	684	373

The mortality of Wandsworth and Clapham, and that of Lewisham and sub-district of Hampstead, are included in this table throughout the eight years.

## EXTRACTS FROM THE METROPOLITAN RETURNS OF THE PREVIOUS WEEK, No. 33.

(The tabular abstract on the first page is for the week ending Saturday, Aug. 21st. The following selection of cases is made from the returns for the week ending Aug. 14th.)

### RETURNS OF VIOLENT DEATHS, MADE CHIEFLY BY CORONER.

NOTE.—The cases of violence not returned by the Coroner, have the words "no inquest."

<p><b>Fractures and Contusions:—</b></p> <p>In St. Bartholomew's Hospital, carpenter, 25, (post mort.)—fracture of his skull by falling down a staircase (at Canonbury) ..... 2 hours</p> <p>Carman, 39, whether from a natural cause, or from the effects of an accidental fall, no sufficient evidence to prove.</p> <p>M. 76, { chronic bronchitis ..... 12 years (no inquest) { concussion of the spinal cord from a fall ..... 9 days</p> <p>In St. Thomas' Hospital, M. 68 (no inquest), fracture of thigh ..... 6 weeks (during which hemiplegia supervened, of which he died.)</p> <p>NOTE.—It should be stated in all cases how injury was caused.</p> <p>In Guy's Hospital, M. 47 (no inquest), phlebitis after slight injury to the hand .....</p> <p><b>Wounds:—</b></p> <p>In St. Bartholomew's Hospital, wife of a wood-stainer (supposed to be 55), post mort., erysipelas brought on by an accidental wound of her right leg ..... about 10 days</p> <p>Labourer, 26, suicide by cutting his throat with a razor .....</p> <p>M. 47, cut his throat in a temporary state of insanity .....</p>	<p><b>Drowning:—</b></p> <p>M. 10, drowned (could not swim).</p> <p>M. 51, suicide by drowning (had been insane from drinking).</p> <p>Apprentice to a printer, 17, drowned while bathing, from being struck by a stone flung at him by a person unknown—manslaughter.</p> <p>Assistant cook on board a steamboat, 27, accidentally drowned from a skiff, in which he was alone at the time (in the River Thames, at Battle Bridge stairs).</p> <p>Clerk in a flannel factory, 15, accidentally drowned while bathing in the River Thames (brought ashore at Battle-bridge Stairs).</p> <p>M. 6, found dead in Regent's Canal basin, apparently drowned.</p> <p>Labourer, 34, accidental death from a fall into the waters of the West India Dock.</p> <p>F. 68, asphyxia—found with head and arms in a tub of water—no sufficient proof how she came there (in water some hours).</p> <p>M. about 20 (name and profession unknown), found dead in the River Thames—drowned—no marks of violence—no proof by what means he came into the River (in water about 4 or 5 hours).</p> <p>Single woman, 23, found dead in the River Thames—suicide by drowning, being of unsound mind from excessive drinking.</p> <p>Son of a labourer, 15, accidentally drowned in the Surrey Canal, when bathing ..... 2 hours</p>	<p><b>Drowning (continued):—</b></p> <p>Wife of a carman, 47, found dead in the Surrey Canal—suicide by drowning, being in a state of mental aberration ..... 7 hours</p> <p><b>Hanging and Suffocation:—</b></p> <p>Waiter out of place, 38, hanged himself—insane.</p> <p>Son of an engineer, 2 mon., accidental asphyxia—choked by an oyster.</p> <p>In St. Thomas' Hospital, daughter of a news-vender, 6, suffocation caused by her accidentally having swallowed a cherry stone 7 days</p> <p>In Guy's Hospital, daughter of a twine-spinner, 1, suffocation brought on by drinking out of a teapot of boiling water ..... 4 hours</p> <p><b>Burns and Scalds:—No deaths registered from either of these causes.</b></p> <p><b>Poison:—</b></p> <p>Wife of an engineer, 18, prussic acid, swallowed in the presence of her husband, at a moment of separation on ill terms .....</p> <p>Brass finisher, 19, poisoned by corrosive sublimate—suicide .....</p> <p>F. cook, 22, suicide with arsenic, in the eighth month of pregnancy (state of her mind unknown) .....</p> <p>Brass finisher, 43, poisoned himself by prussic acid, in a temporary state of insanity .....</p>
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### FOURTEEN HOSPITALS.—CAUSES OF DEATHS (NOT VIOLENT) AS RETURNED BY THE MEDICAL OFFICERS.

NOTE.—Deaths in hospitals from fractures, wounds, burns, scalds, poison, are not contained in this list. See deaths by violence.

<p><b>St. George's H.:—</b></p> <p>M. 40, { chronic inflammation, and thicken- (post mort.) { ing of the peritoneum ..... diseased heart, ascites, and anasarca ..... about 6 months</p> <p>M. 42, { hæmoptysis ..... 1 month (post mort.) { phthisis pulmonalis ..... pneumonia ..... 1 week</p> <p><b>Westminster H.:—</b></p> <p>M. 45, typhoid facial erysipelas ..... 7 days</p> <p>M. 41 (post mort.), cerebral hæmorrhage ... 3 days</p> <p>F. 18, febris continua—gangrene of lung ... 21 days</p> <p>M. 27, fever—marasmus consequent thereon.. *</p>	<p><b>Charing Cross H.:—No deaths registered.</b></p> <p><b>Middlesex H.:—</b></p> <p>F. 26, peritonitis ..... 4 days</p> <p>F. 42, cancer uteri ..... 1 year</p> <p><b>University College H.:—No deaths registered.</b></p> <p><b>Fever H.:—</b></p> <p>M. 11, { fever ..... (post mort.) { pus in pleura—gangrene of lungs ..... about 3 days</p> <p>M. 32, { cirrhosis of liver ..... long (post mort.) { diseased pancreas ..... diseased spleen ..... long</p>	<p><b>Fever H. (continued):—</b></p> <p>M. 10, { fever ..... 26 days (post mort.) { general emphysema ..... 3 days lobular pneumonia ..... 3 days</p> <p>M. 22 (post mort.), chronic peritonitis .....</p> <p>M. 26, { fever and delirium tremens ..... in hospital 6 hours—rapid decomposition.</p> <p>M. 18, { fever ..... 21 days (post mort.) { typhoid pneumonia—fatty liver .....</p> <p>F. 29, { fever ..... 12 days (post mort.) { pneumonia ..... 4 days</p> <p>F. 7, fever .....</p> <p>F. 40, fever .....</p> <p><b>Small Pox H.:—No deaths registered.</b></p>
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FOURTEEN HOSPITALS.—CAUSES OF DEATH (NOT VIOLENT) AS RETURNED BY THE MEDICAL OFFICERS (continued):—

<p><b>King's College H.:</b>— M. 59, gangraena senilis ..... 3 days <b>St. Bartholomew's H.:</b>— M. 19 (post mort.), peritonitis ..... 10 days M. 26, disease of the heart ..... 2 days M. 11, { locked jaw ..... 2 days           { not sufficient evidence of the cause.           See Violent Deaths. <b>London H.:</b>— M. 58, paralysis ..... * <b>St. Thomas' H.:</b>— F. 48, febris ..... 16 days M. 25, phthisis and diarrhoea ..... long standing</p>	<p><b>St. Thomas' H. (continued):</b>— M. 57, { morbus cordis ..... 8 weeks           { anasarca ..... 4 weeks M. 50, cancer of the mouth and face .....           See Violent Deaths. <b>Guy's H.:</b>— M. 47, diseased heart—dropsy ..... F. 40, { lateral curvature of the spine .....           { bronchitis—anasarca ..... F. 46 (post mort.), capillary apoplexy ..... 14 days F. 19, { typhus ..... 17 days           { rupture of intestines ..... 2 days           See Violent Deaths.</p>	<p><b>Dreadnought H.:</b>— M. 65, { acute dysentery ..... 18 days           { ulcers through the entire length of           the large bowel ..... M. 17, { phlegmonous inflammation of the           integuments of the left chest ..... 16 days           { consecutive pleurisy and pericar-           ditis ..... <b>Royal Ordnance Hospital:</b>— Gunner in the Royal Artillery, 20, chronic catarrh—consumption .....           (in hospital from 12th June.)</p>
<p>DEATHS BY SMALL POX, TYPHUS, ETC., SYPHILIS, MALFORMATION, HERNIA, DIABETES, STONE, CHILDBIRTH, DELIRIUM TREMENS, INTEMPERANCE, PRIVATION, WANT OF BREASTMILK, PURPURA, HÆMORRHIAGE, HÆMATEMESIS, ETC.</p>		
<p><b>Small Pox:</b>— NOTE.—It should be stated in all cases whether vacci- nation had been performed with effect. M. 3, variola, confluent, natural (not vaccin.) 8 days M. 1, { small pox ..... 8 days           { first attack—vaccinated 5 days before           eruption ..... F. 4, small pox (vaccinated without effect) ..... M. 2, variola ..... 14 days M. 25, { variola ..... 8 days           { first attack—vaccinated when a child ..... F. 2, variola—convulsions ..... 14 days M. 2, small pox (not vaccinated) ..... F. 3 mon., small pox (not vaccinated) ..... F. 1, variola, confluent, maligna (not vaccina.) 13 days F. 10 mon., small pox (not vaccinated) ..... M. 22 days, small pox (vaccinated) ..... M. 4 wks., variola ..... 1 week M. 3, small pox (after vaccination) ..... 10 days F. 3, { small pox ..... 14 days           { vaccinated with effect 16 months ago ..... M. 2, small pox (not vaccinated) .....           { small pox ..... 6 days F. 7, { not vaccinated, having been ill from           birth ..... F. 1, small pox, confluent (not vaccinated) ..... 11 days F. 1, { small pox ..... 1 week           { not vaccinated—no medical attendant ..... F. 7 mon., variola (not vaccinated) ..... F. 1, { variola ..... 4 days           { pneumonia ..... 2 days M. 5, small pox (natural)—diarrhoea ..... 4 days F. 2, { small pox ..... 1 week           { not previously vaccinated ..... M. 1, natural small pox ..... F. 1, { small pox (not vaccinated) ..... 9 days           { struma ..... F. 3, { small pox ..... 14 days           { without previous vaccination ..... M. 6 mon., { small pox .....                   { without vaccination ..... <b>Typhus, &amp;c.:</b>— <b>PADDINGTON; St. John.</b> F. 79, { slow continued fever ..... 4 days           { congestion of the brain and lungs ..... <b>KENSINGTON; Brompton.</b> F. 73, { fever ..... 9 days           { gangrene of the leg ..... 2 days <b>St. GEORGE, Hanover-square.</b> F. 29, bilious fever—typhus ..... 10 days <b>WESTMINSTER; St. John the Evangelist.</b> M. 7, typhus—meningitis ..... 4 days M. 1, typhus ..... 2 weeks M. 28 (post mort.), fever and typhoid pneumonia, 7 days <b>St. Margaret.</b> M. 62, diarrhoea—fever ..... F. 47, low fever ..... <b>St. PANCRAS; Gray's Inn-lane.</b> F. 19 (p.m.), typhoid fever ..... 7 weeks <b>Regent's Park.</b> M. 15, typhus ..... 7 days <b>Kentish Town.</b> F. 75, fever ..... 9 days <b>HOLBORN; St. Andrew East.</b> M. 1, { bilious fever ..... 14 days           { ulceration of bowels ..... 8 days F. 5, typhus ..... 21 days F. 2, fever ..... 8 days <b>St. LUKE; Old-street.</b> F. 55, typhus ..... 10 days <b>EAST LONDON; Cripplegate.</b> F. 6, typhus ..... 3 weeks <b>WEST LONDON; North.</b> M. 21, { fever ..... 14 days           { bronchitis ..... 10 days <b>SHOREDITCH; Hoxton Old Town.</b> M. 60, typhoid fever ..... M. 27, malignant typhus ..... 9 days <b>St. Leonard.</b> F. 18, typhus ..... 14 days <b>Haggerstone, West.</b> F. 62, typhus ..... 4 days <b>BETHNAL GREEN; The Green.</b> M. 6, fever ..... 26 hours F. 21, low typhus ..... <b>WHITECHAPEL; Spitalfields.</b> M. 2, fever ..... 2 weeks</p>	<p><b>Typhus, &amp;c. (continued):</b>— <b>WHITECHAPEL; Artillery.</b> F. 3, fever ..... 4 weeks F. 6, typhus ..... 3 weeks <b>Mile End, New Town.</b> F. 73, { erysipelas .....           { typhus ..... 14 days F. 70, typhus ..... 9 days <b>North.</b> M. 36, typhus ..... 12 days M. 45, typhus ..... M. 28, typhus ..... M. 67, typhus ..... F. 67, synochus and infirmities of age ..... F. 40, fever ..... F. 11 mon., synochus ..... M. 41, synochus ..... 6 days F. 43, typhus ..... F. 47, synochus ..... F. 28, typhus ..... <b>The Church.</b> F. 1, synochus ..... <b>St. GEORGE IN THE EAST; St. Paul.</b> M. 28, typhus ..... 14 days F. 45, typhus ..... 10 days <b>St. Mary.</b> F. 55, { fever ..... 8 days           { pleuritis ..... 16 hours <b>St. John.</b> F. 46, diarrhoea, consequent on fever ..... <b>STEPNEY; Mile End, Old Town (Upper).</b> F. 16, { fever and diarrhoea ..... 14 days           { effusion of serum into the brain ..... 3 days <b>Mile End, Old Town (Lower).</b> F. 48, { synochus ..... 8 days           { erysipelas of the head ..... 2 days F. 40, fever—tympantitis ..... 5 days <b>POPULAR; Poplar.</b> M. 26, { continued fever ..... 30 days           { mortification of the bowels ..... 9 days M. 62, typhus ..... 7 days <b>St. OLAVE; St. Olave and St. Thomas.</b> F. 4, { fever ..... 4 days           { typhus ..... 1 day <b>BERMONDSEY; St. Mary Magdalen.</b> F. 62, fever ..... <b>LAMBETH; Waterloo (1st part).</b> M. 7, low fever ..... 3 weeks <b>Lambeth Church (2nd part).</b> M. 4, typhus ..... 2 weeks <b>Kennington (first part).</b> M. 78, { low fever ..... 7 days           { erysipelas ..... 5 days <b>Brixton.</b> M. 60, continued fever ..... 23 days <b>CAMBERWELL; Peckham.</b> M. 68, fever ..... 16 days <b>GREENWICH; St. Paul's, Deptford.</b> M. 24, fever ..... 14 days <b>Woolwich Arsenal.</b> F. 22, fever ..... 1 week <b>East.</b> M. 56, fever—inflammation of the lungs .....           See Hospital Returns. <b>Ague:</b>— F. 68, remittent fever ..... 14 days M. 5, remittent fever ..... 6 months F. 11, remittent fever and atrophy ..... 2 months F. 1, remittent fever—convulsions ..... <b>Infantile Fever:</b>— F. 1, infantile remittent fever ..... 15 days F. 1, infantile fever ..... M. 1, { infantile fever ..... some weeks           { diarrhoea ..... 7 days <b>Syphilis:</b>— F. 6 mon., secondary syphilis ..... from birth <b>Malformation.</b>— F. 2 days and 18 hrs. (post mort.), malforma- tion of the great vessels arising from the heart—convulsions before death. The case is peculiar. There was but one main trunk (in the usual situation of the pulmonary artery, but looking more like the aorta) arising from the heart, and from this all the other branches were given off. The ductus arteriosus immediately penetrated the upper lobe of the left lung.</p>	<p><b>Malformation (continued):</b>— F. 6 weeks, deficiency of the soft palate—atony. M. under 1, imperforate rectum. F. 10 days, cyanosis. M. 10 days, imperforate anus. F. 8 days, imperforate anus. <b>Hernia:</b>— F. 83, exhaustion from bilious vomiting, in- fluenced by the presence of an old umbilical hernia ..... M. 20 (p.m.) strangulated inguinal hernia ..... <b>Diabetes.</b>—No deaths registered from this cause. <b>Stone.</b>—No deaths registered from this cause. <b>Childbirth:</b>—The time elapsing from commencement of labour to death should invariably be returned. F. 37, { childbirth ..... 3 days           { peritonitis ..... F. 29, puerperal peritonitis ..... 2 days F. 32, { fever after childbirth ..... 5 days           { paralysis of the right side of the body, 7 months           flooding after delivery (at 7 months),           delivery ..... 12 hours F. 28, hæmorrhage after labour ..... 1 hour F. 28, { childbirth ..... 14 days           { enteritis ..... 4 days           { typhus gravior ..... 3 days           { pneumonitis ..... 14 days F. 28, { gangrene of right lung ..... 6 days           { commencing 6 days after premature           labour ..... <b>Consumption and Childbirth:</b>— F. 21, consumption (4 months after childbirth) ..... <b>Inflammation of Womb:</b>— F. 38, metritis ..... 4 days <b>Delirium Tremens:</b>— No deaths registered from this cause. <b>Hepatitis and Delirium Trem.</b>— M. 49, { hepatitis ..... 1 year           { delirium tremens ..... 5 weeks <b>Intemperance:</b>— F. about 35 (inquest), natural death by the visitation of God—accelerated by drink ..... M. 62, excessive drinking of spirituous liquors for 10 days ..... sudden F. 42 (inq.), natural death—apoplexy, resulting from habits of intemperance ..... 2 days <b>Privation:</b>— M. 55, general decay of nature, accelerated by want ..... <b>Want of Breast-milk:</b>— M. 3 wks., atrophy from want of breastmilk ..... F. 6 wks., convulsions—no breastmilk—no medical attendance ..... F. 5 wks., atrophy from want of breastmilk ..... M. 4 mon., debility—want of breastmilk— aphtha ..... F. 6 wks. (inquest), natural death—pined for want of breastmilk, having been brought up by hand ..... F. 1 mon., atrophy from want of breastmilk ..... 3 weeks F. 19 days, convulsions from inanition ..... 2 weeks M. 2 mon., atrophy from want of breastmilk ..... M. 4 mon., { atrophy from want of the breast .....           { diarrhoea ..... 14 days F. 3 wks., inanition ..... 7 days M. 2 mon., inanition ..... 14 days F. 5 wks., inanition ..... 3 weeks <b>Purpura:</b>—No deaths registered from this cause. <b>Hæmorrhage:</b>— M. 47, { dyspepsia ..... 6 years           { rupture of blood vessel in the chest a few hours M. 19, epistaxis—jaundice ..... 7 days <b>Hæmatemesis:</b>—No deaths registered from this cause <b>Miscellaneous Causes:</b>— M. 57, { operation for hypertrophied nose ..... 9 days           { erysipelas ..... 4 days M. 65, carbuncle—phthisis ..... 12 hours F. 5, { suppurative of the ankle joint (from           fright) ..... 4 weeks F. 48, { flooding from change of life ..... 4 months           { convulsions ..... 6 hours           { invagination of caput coli, and 9           inches of colon in the rectum .....           incipient mortification of caput           coli ..... M. 5 mon., { inflammation of intestines—effu-           sion ..... duration of symptoms 6½ days           { obstructed bowels—stercoraceous           vomiting, and continued dis-           charge of blood from the bowels ..... (post mort.)</p>

ANALYSIS OF CASES IN WHICH INQUESTS WERE HELD.—Violence, 25; apoplexy, 6; neglect, 1; intemperance, 2; want of breast-milk, 1; other specified causes, 4; "natural death," "visitation of God," "found dead," &c., 9.—TOTAL, 48 cases.

THE NUMBER OF CASES in which it is recorded that a POST MORTEM EXAMINATION was made, is 30,

# METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH,

During the Week ending Saturday, 21st August, 1847.

Day.	Phases of the	Mean height of the Barometer, from 12 Observations (corrected and reduced to 32 degrees Fahrenheit.)	Readings of Thermometers										Difference between the Dew Point Temperature and Air Temperature			Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 25 years	WIND							Mean Amount of Cloud, 0-10	Rain in inches, read at 6 o'clock the next morning
			Dry			Dew Point Mean from 12 13 Rise	Highest in the sun, as shown by a self-regis- ter- ing Thermometer	Lowest on the grass, as shown by a self-regis- ter- ing Thermometer	In the Water of the Thames at Greenwich, by the self- registering Thermometer, read at 9 o'clock next morning		Mean of 12 Days.	Greatest	Least	General Direction			Pressure in lbs. on the square foot			Amount of Horizontal Movement of the Air in each day					
			High- est from 12 Obs.	Low- est from 12 Obs.	Mean from 12 Obs.				Highest	Lowest				A.M.	P.M.		Greatest	Least	Mean of 12 Obs.						
AUGUST,		in.	°	°	°	°	°	°	°	°	°	°	°	°			lbs.	lbs.	lbs.	Miles					
SUN.	15	Apogee.					96.0	46.5	65.2	64.8						Calm and N. by E.	N.N.E.	1.0	0.0	0.1	140	7.0	0.53		
MON.	16		29.951	69.7	57.6	62.5	61.1	78.8	60.0	65.0	65.0	1.4	4.1	0.0	- 0.1	N. by E. and N. by W.	N. by W. and N.	2.0	0.0	0.1	105	10.0	0.05		
TUES.	17		29.926	71.3	61.3	65.3	63.2	78.5	59.5	65.0	65.0	2.1	5.7	0.0	+ 2.6	Calm	Calm	0.0	0.0	0.0	50	10.0	0.01		
WED	18		29.973	70.0	62.3	65.2	63.4	83.0	61.5	65.0	65.0	1.8	4.6	0.4	+ 2.8	Calm	Calm	0.0	0.0	0.0	75	10.0	0.00		
THU.	19	First Quarter.	29.987	69.8	61.0	64.5	62.4	84.5	—	65.2	65.2	2.1	6.1	0.0	+ 2.6	Calm and N. by W.	Calm	0.0	0.0	0.0	95	9.6	0.03		
FRI.	20		29.832	68.4	57.0	61.9	59.9	81.5	43.0	65.0	65.0	2.0	5.8	0.0	+ 1.2	Calm	Calm	0.0	0.0	0.0	10	6.7	0.00		
SAT.	21	Greatest declination S.	29.764	78.2	52.8	65.0	59.2	96.2	49.0	65.5	65.2	5.8	13.4	0.0	+ 3.9	Calm	Calm and S.S.W.	0.0	0.0	0.0	150	0.8	0.00		
MEANS			29.906	71.2	58.7	64.1	61.5	85.5	53.3	65.1	65.0	2.5	6.6	0.1	+ 2.2		†				Sum 625	7.7	Sum 0.62		

DAY	ELECTRICITY	Circumstances accompanying the exhibition of Electricity	GENERAL REMARKS
SUN.	Nothing was shewn at any examination during the day.		The sky was overcast with cirrostratus and scud till 3h. p.m., after which time the clouds became broken, and by 6h. p.m. they had entirely disappeared; the sky remained clear till near midnight, when it became suddenly overcast. Frequent flashes of lightning were seen during the evening in the S. and S.E.
MON.	Negative and very active till 7h. a.m. At 3h. a.m. nothing was shewn. From noon till 10h. p.m. positive with weak tension. At midnight strong negative electricity was shewn with frequent sparks.	Rain falling. } Rain falling heavily.	The sky was overcast with cirrostratus and scud throughout the day. Rain was falling heavily from 6h. a.m. till 8h. a.m., and again at midnight. Frequent flashes of lightning were visible from 10h. p.m. till midnight in the E. and S.S.E.
TUES.	Positive and tension variable throughout the day.		The sky was overcast throughout the day with cirrostratus and scud. A clap of thunder was heard in the W. at 6h. 35m. a.m. Drizzling rain was falling from 7h. to 9h. a.m., and occasionally during the evening.
WED.	Nothing was shewn till 4h. p.m. From 4h. p.m. till 8h. p.m. positive and tension variable. Nothing was shewn afterwards.		The sky was overcast throughout the day with cirrostratus and scud.
THURS.	At 9h. a.m., 4h., 8h., and 10h. p.m. positive with moderate tension. At other examinations nothing was shewn.		The sky was generally overcast throughout the day; cirrostratus and scud were the clouds prevalent. Thin rain was falling during the afternoon.
FRID.	Nothing was shewn till 6h. p.m., except at 6h. a.m., and at noon, when it was positive with weak tension. From 6h. p.m. till midnight strong positive electricity was shewn.		Overcast with cirrostratus and scud till 4h. p.m., and cloudless afterwards till midnight.
SAT.	Nothing was shewn throughout the day, except at 6h. p.m., when it was positive and weak.		Cloudless till 2h. p.m.; from this time till 8h. p.m. small portions of cumuli and cirri were prevalent, with slight haze; cloudless afterwards till midnight.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The amount of clouds is estimated by considering a clear sky to be represented by 0, a cloudy sky by 10; and when partially cloudy by estimating the number of tenths of the whole sky covered with cloud. The observations are taken every two hours, day and night.

The readings of the two self-registering thermometers, the one placed in the full rays of the sun, and the other placed on grass fully exposed to the sky, are taken every morning at 9 A.M., and therefore exhibit the highest and lowest readings respectively, that have occurred in the previous 24 hours. They are, however, placed here opposite to the civil day which precedes that on which the thermometers are read. The reading of the thermometer on grass for Aug. 19 was inadvertently omitted.

Whewell's anemometer (from the indications of which the estimation of horizontal movement is made) is read at 10 A.M., and the result given is for the 24 hours preceding. It is placed here opposite to the civil day, which precedes that on which the anemometer is read.

The average temperature for 25 years is furnished by Mr. Henry, Assistant at the Royal Observatory, from the observations made at his residence in the neighbourhood of Greenwich Park.

\* In reading the 16th column, it will be borne in mind that + is read "higher," and — "lower," than the average.

The temperature of the water of the Thames is ascertained by the use of a self-registering thermometer, suspended from the side of the Dreadnought Hospital Ship, at the depth of about 2 feet below the surface. The readings of this instrument are registered under the superintendence of Lieutenant Flanders, R.N., Superintendent of the Dreadnought. The mean reading of a thermometer placed on the mainmast, and read each day at 6h. 30m. A.M., was 60.1; and the mean reading at 7h. 30m. P.M., was 65.8; the mean readings at the Royal Observatory for the same times were 60.0 and 64.7 respectively.

† The mean directions of the wind for the week are N. by E. and N. by W., but the air was generally calm.

# Births and Deaths registered in London,

During the Week ending Saturday, August 28th, 1847.

ANNUAL SERIES VIII.]

PUBLISHED BY AUTHORITY OF THE REGISTRAR GENERAL.

[No. 35.]

Causes of Death	Age			Total	Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population		Causes of Death.	Age			Total	Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population
	0 to 15	15 to 60	60 and upwards					0 to 15	15 to 60	60 and upwards		
ALL CAUSES.....	554	318	212	1084	940		IV.—Laryngitis .....	1	..	..	1	1
SPECIFIED CAUSES .....	552	318	212	1082	935		Quinsey .....	3	..	..	3	2
I.—Zymotic Diseases .....	262	59	45	366	226		Bronchitis .....	7	4	11	22	12
SPORADIC DISEASES—							Pleurisy .....	..	2	1	3	2
II.—Dropsy, Cancer, and other Diseases of uncertain or variable Seat .....	84	31	20	135	103		Pneumonia .....	17	8	2	27	46
III.—Diseases of the Brain, Spinal Marrow, Nerves and Senses ..	78	28	28	134	157		Hydrothorax .....	..	1	1	2	3
IV.—Diseases of the Lungs, and of the other Organs of Respiration }	40	124	30	*195	226		Asthma .....	..	2	10	12	8
V.—Diseases of the Heart and Blood-vessels .....	3	18	9	30	25		Phthisis (or Consump- tion) .....	11	103	5	*120	142
VI.—Diseases of the Stomach, Liver, and other Organs of Digestion }	64	30	11	105	94		Disease of Lungs, &c. ....	1	4	..	5	11
VII.—Diseases of the Kidneys, &c. ....	1	4	3	8	8		V.—Pericarditis.....	1	1	1	3	1
VIII.—Childbirth, Diseases of the Uterus, &c. ....	..	10	5	15	10		Aneurism .....	..	1	..	1	.8
IX.—Rheumatism, Diseases of the Bones, Joints, &c. ....	3	6	1	10	7		Disease of Heart, &c. ....	2	16	8	26	23
X.—Diseases of the Skin, Cellular Tissue, &c. ....	..	1	1	2	2		VI.—Teething.....	17	..	..	17	19
XI.—Old Age .....	..	..	55	55	50		Gastritis .....	1	2	..	3	24
XII.—Violence, Privation, Cold and Intemperance .....	17	7	3	27	28		Enteritis .....	12	4	2	18	2
I.—Small Pox .....	21	4	..	25	14		Peritonitis .....	..	3	..	3	15
Measles .....	47	..	..	47	28		Tabes Mesenterica.....	23	1	..	24	.6
Scarlatina .....	16	3	2	21	39		Worms .....	1	..	..	1	2
Hooping Cough .....	23	..	..	23	23		Ascites .....	..	2	1	3	3
Croup .....	2	..	..	2	6		Ulceration (of Intestines, &c.).....	2	1	..	3	2
Thrush .....	6	..	..	6	9		Hernia .....	..	..	..	..	2
Diarrhoea .....	102	6	16	124	55		Colic or Ileus .....	2	1	1	4	.5
Dysentery .....	11	4	5	20	6		Intussusception .....	..	1	..	1	.6
Cholera .....	6	1	6	13	7		Stricture (of the Intestinal Canal) .....	..	..	..	..	.9
Influenza .....	..	..	..	..	.8		Hæmatemesis .....	..	1	..	1	7
Ague .....	..	..	..	..	.3		Disease of Stomach, &c. ....	1	2	3	6	..
Remittent Fever.....	..	..	..	..	.7		Disease of Pancreas .....	..	..	..	..	3
Typhus .....	25	35	14	74	30		Hepatitis .....	..	1	1	2	3
Erysipelas .....	1	5	2	8	5		Jaundice .....	5	..	1	6	10
Syphilis .....	2	1	..	3	1		Disease of Liver, &c. ....	..	11	2	13	.2
Hydrophobia .....	..	..	..	..	..		Disease of Spleen.....	..	..	..	..	..
II.—Hæmorrhage .....	1	2	1	4	3		VII.—Nephritis.....	..	1	1	2	.4
Dropsy .....	..	7	10	17	23		Ischuria .....	..	..	..	..	..
Abscess .....	..	2	..	2	2		Diabetes .....	..	..	1	1	.6
Noma .....	..	..	..	..	.2		Cystitis .....	..	..	..	..	.3
Mortification .....	1	..	2	3	.6		Stone .....	..	..	..	..	.6
Purpura .....	1	..	..	1	..		Stricture (of the Urethra) ..	..	1	..	1	1
Scrofula .....	2	..	..	2	4		Disease of Kidneys, &c. ..	1	2	1	4	5
Cancer .....	3	12	5	20	12		VIII.—Childbirth .....	..	8	..	8	6
Tumour .....	..	1	..	1	.9		Paramenia .....	..	..	..	..	.3
Gout .....	..	..	..	..	.9		Ovarian Dropsy .....	..	..	..	..	.5
Atrophy .....	49	1	1	51	20		Disease of Uterus, &c. ....	..	2	5	7	3
Debility .....	25	3	..	28	22		IX.—Arthritis .....	..	..	..	..	..
Malformations .....	..	..	..	..	2		Rheumatism .....	..	4	1	5	3
Sudden Deaths (including Coroners' Inquests, in which it is not shewn from what diseases or causes the persons died.)	2	3	1	6	9		Disease of Joints, &c. ....	3	2	..	5	4
III.—Cephalitis .....	4	1	..	5	13		X.—Carbuncle .....	..	..	..	..	.1
Hydrocephalus .....	35	1	..	36	37		Phlegmon .....	..	..	..	..	.2
Apoplexy .....	2	10	13	25	18		Ulcer .....	..	1	1	2	.4
Paralysis .....	..	6	9	15	15		Fistula .....	..	..	..	..	.3
Convulsions.....	32	..	..	32	54		Disease of Skin, &c.....	..	..	..	..	.6
Tetanus .....	..	1	..	1	.4		XI.—Old Age .....	..	..	55	55	50
Chorea .....	..	..	..	..	.1		XII.—Intemperance .....	..	..	..	..	1
Epilepsy .....	..	3	1	4	5		Privation .....	2	1	..	3	.4
Insanity .....	..	1	1	2	1		Violent Deaths .....	15	6	3	24	27
Delirium Tremens.....	..	2	1	3	3		Causes not Specified.....	2	..	..	2	5
Disease of Brain, &c. ....	5	3	3	11	10							

Weekly Average derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population		Deaths registered in the Week		Births registered in the Week	
Males .....	479	Males .....	571	Males .....	613
Females .....	461	Females .....	513	Females .....	609
Total	940	Total..	1084	Total..	1222

\* The age of a female, who died of consumption, is not stated.

DISTRICTS OF LONDON, Comprising 135 Registrars' Districts.		Area in square Miles	Population Enume- rated in 1841	Weekly Average derived from Deaths of 1842-6, and corrected for increase of Population 5 Summers	DEATHS registered in the Week	BIRTHS registered in the Week
WEST DISTRICTS	{ Kensington; Chelsea; St. George, Hanover-square; Westminster; St. Martin in the Fields; St. James	17.2	301,326	137	173	176
NORTH DISTRICTS	{ St. Marylebone; St. Pancras; Islington; Hackney; part of Edmonton, viz. Hampstead	20.5	376,396	175	171	233
CENTRAL DISTRICTS	{ St. Giles and St. George; Strand; Holborn; Clerkenwell; St. Luke; East London; West London; City of London	2.8	374,759	173	204	237
EAST DISTRICTS	{ Shoreditch; Bethnal Green; Whitechapel; St. George in the East; Stepney; Poplar	8.8	393,247	212	257	281
SOUTH DISTRICTS	{ St. Saviour; St. Olave; Bermondsey; St. George, Southwark; Newington; Lambeth; Wandsworth and Clapham; Camberwell; Rotherhithe; Greenwich; Lewisham	66.2	502,483	244	279	295
TOTALS		115.5	1,948,211	940	1084	1222

Births and Deaths not caused by Violence, registered in the Metropolis in the last 13 weeks, with the Mean Temperature for the same periods.													
	5th June	12th June	19th June	26th June	3rd July	10th July	17th July	24th July	31st July	7th Aug.	14th Aug.	21st Aug.	28th Aug.
BIRTHS	1325	1177	1178	1355	1277	1199	1182	1210	1324	1240	1232	1223	1222
DEATHS (except from Violence)	757	820	915	893	865	861	925	877	933	944	1080	1046	1059
Deaths (except from Violence) at 60 yrs. & upwards	143	180	187	182	178	173	178	167	155	141	205	195	209
Diarrhoea	11	20	22	21	17	32	43	56	111	106	158	138	124
Typhus	51	44	52	58	61	52	64	57	54	55	70	62	74
Purpura	3	..	3	2	2	..	3	..	4	1	..	5	1
Mean Temperature	62.3	54.4	56.0	57.8	61.3	65.5	70.2	63.1	65.9	62.6	63.2	64.1	60.3

DEATHS registered in LONDON, in corresponding series of weeks of eight years:—							
No. of week..	29	30	31	32	33	34	35
1840	876	854	873	913	900	845	882
1841	780	802	783	826	800	769	812
1842	772	910	918	902	987	923	855
1843	815	774	841	826	820	867	934
1844	908	1078	1026	946	944	948	810
1845	878	884	838	929	875	855	946
1846	1068	1018	1101	1150	982	917	894
Average of 7 yrs	871	903	911	927	901	875	862
1847	944	905	904	998	1108	1057	1084

DEATHS from Purpura or from Scurvy in LONDON;—					
Quarters of 13 weeks each, ending in					Total in the Year
YEARS	March	June	Sept.	Dec.	
1842	3	5	4	4	16
1843	2	1	6	4	13
1844	5	3	7	6	21
1845	2	4	11	8	25
1846	5	9	9	5	28
1847	16	25			

1	2	3	4
Specified Ages	Deaths registered last week in London	Deaths which would have been registered if the rate of mortality had been the same as in Domesday, Sept. Quarters, 1838-44.	Excess of Mortality in London during the week
0-15	554	237	304
15-35	131	132	-1
35-55	153	95	58
55 and upwards	246	150	96
All Ages	1084	614	470

EXTRACTS FROM THE METROPOLITAN RETURNS OF THE PREVIOUS WEEK, No. 34.  
(The tabular abstract on the first page is for the week ending Saturday, Aug. 28th. The following selection of cases is made from the returns for the week ending Aug. 21st.)

NOTE.—M. or F. at the beginning of an entry indicates sex; the numerals which follow, mark the age at death, in years, except when otherwise stated. The italics at the end of an entry show the duration of illness; and when the place is supplied by an asterisk (\*), the Coroner, Medical Practitioner, or other Informant, has not been able to ascertain, or has omitted to state the time in which the person has been subject to the disease or injury which has proved fatal. In making the return, it should invariably be stated that duration of illness could not be ascertained, when this is the case.

RETURNS OF VIOLENT DEATHS, MADE CHIEFLY BY CORONER.			
NOTE.—The cases of violence not returned by the Coroner, have the words "no inquest."			
Fractures and Contusions:—	duration	Wounds:—	duration
Labourer, 26, fractured skull and shock of the system—fell when descending a ladder from the leads of an office at the back of Duke Street.....	died instantly	M. 69, { cut throat.....	32 days
M. 56, fracture of the skull by the accidental falling of an arch in Russell Street.....	instantly	(post mort.) { chronic meningitis.....	3 weeks
Wife of a provision merchant, 44, fracture of the skull by the falling of an arch accidentally turned over—Russell Street.....	instantly	{ serous apoplexy.....	9 hours
In Westminster Hospital, F. 3 (post mort.), fractured skull—knocked down and run over by a carriage drawn by two horses, in the Birdcage Walk.....	4 hours	Shoe manufacturer, 25, suicide—cut his throat with a razor, being of unsound mind.	
NOTE.—It should be stated in all cases how injury was caused.		Drowning:—	
		Son of a gardener, 1, drowned by accidentally falling into a ditch.....	6 minutes
		Ship carpenter, 31, drowned by falling accidentally from a stage into the River Thames...5 days	
		Hanging and Suffocation:—	duration
		M. 21, suicide by hanging, being of unsound mind.	
		M. 47, suicide by hanging himself, being of unsound mind, resulting from continued acts of intemperance.	
		Burns and Scalds:—	
		M. 2, scalds by upsetting some coffee upon his chest accidentally.	
		Poison:—No deaths registered from this cause.	

FOURTEEN HOSPITALS.—CAUSES OF DEATHS (NOT VIOLENT) AS RETURNED BY THE MEDICAL OFFICERS.			
NOTE.—Deaths in hospitals from fractures, wounds, burns, scalds, poison, are not contained in this list. See deaths by violence.			
St. George's H.:—	duration	Westminster H.:—	duration
M. 27, fever.....	*	M. 10, { son of a stone-mason, natural—	
M. 23, abscess of the thigh.....	*	(inquest—) { chronic inflammation of the left	
M. 29, phthisis pulmonalis—large vomica.....	*	post mort.) { ear and middle lobe of the brain 6 days	
M. 16, { large fecal abscess in the right		M. 45 (inquest), brewer's drayman, natural,	
(post mort.) { iliac fossa..... between 4 and 5 months		from erysipelas of the head.....	8 days
{ sloughing of the back.		M. 35, epilepsy.....	*
M. 25, { old ulceration of the cecum and		F. 60, chronic degeneration of kidneys.....	*
(post mort.) { appendix vermiformis, with per-		See Violent Deaths.	
{ foration of the gut.....	*	Charing Cross H.:—	
{ acute peritonitis.....	6 days	F. 25, peritonitis.....	3 days
{ a few milary tubercles in lungs.	*	F. 20, phthisis pulmonalis.....	*
F. 26, { phthisis pulmonalis.....	*	Middlesex H.:—	
(post mort.) { scrofulous disease of kidneys—		M. 50, { emphysema, acute.....	*
{ scrofulous ulceration of the blad-		M. 50, abscess.....	5 weeks
der—abscess in cellular tissue		M. 37, erysipelas.....	10 days
around the rectum.....	*	{ emphysema.....	*
F. 39, phthisis pulmonalis.....	*	{ ascites.....	*
F. 31, consumption.....	*	F. 56, { congested liver.....	4 months
F. 1, { phagedanic ulceration of arm.....	*		
{ phthisis.....	*	University College H.:—	duration
		M. 38 (p.m.), delirium tremens (7th attack)...1 week	
		M. 45 (post mort.), albuminuria, morbus cordis,	
		ascites, anasarca.....	duration unknown
		F. 45, { diffuse cellular inflammation of legs..	*
		{ extensive abscesses beneath pectoral	*
		muscles.....	*
		F. 25, { albuminuria.....	*
		{ anasarca, ascites.....	6 months
		{ hydrocephalus, with dilatation of right	*
		side of heart.....	*
		F. 17, { mitral regurgitant disease, pulmonary	*
		{ edema, pleural exudation.....	*
		M. 41, { dysentery.....	10 days
		(post mort.) { a few small ulcerations in the large	
		intestines.	
		Fever H.:—	
		{ fever.....	*
		M. 23, { ulceration of ileum and colon.....	*
		{ enlarged mesenteric glands.....	*
		{ lobular pneumonia.....	*
		M. 40, { pleuro-pneumonia.....	*
		{ pericarditis.....	*

FOURTEEN HOSPITALS.—CAUSES OF DEATH (NOT VIOLENT) AS RETURNED BY THE MEDICAL OFFICERS (continued):—

<b>Small Pox H.:</b>		<b>St. Bartholomew's H. (continued):</b>		<b>Guy's H.:</b>	
M. 21, { small pox, confluent, unprotected	28 days	F. 21, fever		M. 44, fever, with diarrhoea	12 days
F. 24, { small pox, confluent, unprotected	14 days	F. 30, ascites		M. 33, typhus	4th week
inoculated for small pox when 5 years old; one cicatrix.		<b>London H.:</b>		M. 19, { deformed spine	16 years
<b>King's College H.:</b>		M. 50, dyspnoea		(post mort.) { bronchitis	
M. 28 (p.m.), fatty degeneration of kidney	16 days	M. 8, hydrops		M. 36, { apoplexy	30 hours
M. 72, chronic catarrh		<b>St. Thomas' H.:</b>		(post mort.) { bowel disease	4 months
M. 36, fever—pneumonia		F. 5, { hooping cough	4 months	F. 42, { renal disease—cirrhosis	2 years
F. 10 mon., pneumonia		M. 29, ascites	5 months	anasarca—ascites	
F. 26, fever		M. 33, { morbus cordis		<b>Royal Ordnance Hospital:</b> —No deaths registered.	
F. 35, { morbus cordis		M. 33, { anasarca	6 months	<b>Dreadnought H.:</b>	
(post mort.) { pulmonary apoplexy		M. 65, { albuminuria		M. 20, { tubercular peritonitis	7 weeks
<b>St. Bartholomew's H.:</b>		M. 50, { ascites—anasarca		(post mort.) { several pounds of soft coagulum in the peritoneal cavity—simulating ascites	
M. 49, delirium tremens		M. 65, { disease of the valves of the heart	6 weeks	M. 41, { dysentery, succeeding scurvy	5 weeks
F. 9, { fever—pneumonia		M. 50, { typhus		(post mort.) { ulceration of the entire length of the large bowel	
(post mort.) { ulceration of intestines		in hospital 2 days.		M. 22, { ascites from cirrhotic liver	4 weeks
F. 44, chronic abscess				(post mort.) { dysenteric ulceration of the large bowel, and of the ileum	
F. 60, diarrhoea					

DEATHS BY SMALL POX, TYPHUS, ETC., SYPHILIS, MALFORMATION, HERNIA, DIABETES, STONE, CHILDBIRTH, DELIRIUM TREMENS, INTEMPERANCE, PRIVATION, WANT OF BREASTMILK, PURPURA, HÆMORRHIAGE, HÆMATEMESIS, ETC.

<b>Small Pox:</b>		<b>EAST LONDON; Cripplegate.</b>		<b>Syphilis:</b>	
NOTE.—It should be stated in all cases whether vaccination had been performed with effect.		F. 63, fever		M. 48, { lues venerea	
M. 34, variola, confluent	9 days	<b>WEST LONDON; South.</b>		{ diarrhoea	
F. 5 mon., { convulsions—small pox	9 days	F. 44, { fever		F. 2 mon., hereditary syphilis	
vaccinated when 2 months old.		{ effusion on the brain		F. 5 mon., syphilitic	
F. 22, { small pox	14 days	<b>CITY OF LONDON; North West.</b>		<b>Malformation:</b>	
without inoculation.		M. 60, { erysipelas phlegmonous		F. 9 mon., spina bifida	from birth
M. 3, { variola	7 days	{ typhus		F. 6 mon., want of nutrition, consequent upon a deficiency of palate from birth	
vaccinated successfully 2 years ago.		<b>South.</b>		M. 12 days (post mort.), imperforate anus	
F. 3, { variola	13 days	F. 6, malignant fever	3 weeks	<b>See Hospital Returns.</b>	
pneumonia		<b>SHOREDITCH; Holywell and Moorfields.</b>		<b>Hernia:</b>	
M. 2, { small pox	14 days	M. 53, mucro-enteritis; fever	14 days	M. 70, hernia	
vaccinated.		<b>St. Leonard.</b>		<b>Diabetes:</b> —No deaths registered from this cause.	
M. 5 mon., { small pox		F. 25, nervous fever	17 days	<b>Stone:</b> —No deaths registered from this cause.	
not vaccinated.		<b>Haggerstone, West.</b>		<b>Childbirth:</b> —The time elapsing from commencement of labour to death should invariably be returned.	
M. 9 wks., { small pox	9 days	F. 78, continued fever		F. 20 (post mort.), hæmorrhage into the right pleural cavity, occurring during parturition, and proceeding from a ruptured vessel	4 hours
never vaccinated.		<b>BETHNAL GREEN; Town.</b>		F. 20, { childbirth	19 days
M. 18, { confluent variola	9 days	M. 50, erysipelas; typhus	5 days	F. 20, { puerperal fever	14 days
without previous vaccination.		<b>Hackney Road.</b>		F. 27, { meningitis	2 days
M. 3, { small pox	3 weeks	M. 33, malignant typhus	9 days	pneumonia—childbirth	
not vaccinated.		<b>WHITECHAPEL; Mile End, New Town.</b>		F. 21, { puerperal fever	5 days
F. 2, { variola	10 days	M. 34, diarrhoea and low fever		F. 46, { puerperal fever—typhoid fever	14 days
not vaccinated.		<b>North.</b>		F. 21, { childbirth	10 days
F. 6, { variola		F. 55, febris		F. 21, { diarrhoea	
M. 8, { small pox	14 days	F. 24, typhus—diarrhoea		F. 19, { childbirth	9 days
without previous vaccination.		<b>ST. GEORGE IN THE EAST; St. Paul.</b>		F. 19, { puerperal fever	3 days
F. 2, { small pox	4 days	M. 2, typhus	4 days	F. 26, { uterine phlebitis	6 weeks
not vaccinated.		<b>St. Mary.</b>		phlegmasia dolens	
F. 1, { small pox		M. 47, typhus		purulent absorption	
vaccinated 12 months previously.		<b>POPLAR; Poplar.</b>		F. 40, inflammation of the uterus after delivery	
M. 1, { small pox	9 days	M. 10, typhus	14 days	F. 33, puerperal fever	10 days
after vaccination without effect 2 months previously.		<b>ST. SAVIOUR; Christchurch.</b>		<b>Delirium Tremens:</b>	
F. 2, { small pox	7 days	F. 41, fever	9 days	M. 32, delirium tremens	3 days
without previous vaccination.		<b>BERMONDSEY; St. Mary Magdalen.</b>		M. 45, delirium tremens, terminating in convulsions	
M. 3, small pox		M. 65, fever		<b>Intemperance:</b> —No deaths registered from this cause.	
F. 4 mon., confluent small pox	9 days	<b>ST. GEORGE, SOUTHWARK; Kent-road.</b>		<b>Privation:</b>	
F. 7 days, small pox; natural	3 days	M. 60, fever		M. 4, destitution—typhus	
M. 2, { small pox	21 days	M. 18, fever—brain affection		M. 4 mon., starvation	
not vaccinated.		M. 9, fever		<b>Want of Breast-milk:</b>	
F. 22, small pox and fever	48 hours	<b>Borough-road.</b>		F. under 1 year, wasting away from weaning	3 weeks
See Returns of Small Pox Hospital.		F. 34, typhus	4 days	F. 2 mon., atrophy—want of breast milk	
<b>Typhus, &amp;c.:</b>		F. 63, typhus	11 days	F. 3 days, inanition	
ST. LUKE, CHELSEA; Chelsea, North West.		<b>ST. MARY, NEWINGTON; Trinity.</b>		F. 7 weeks, inanition	
M. 22, fever	8 days	M. 33, fever	14 days	<b>Purpura:</b>	
<b>ST. GEORGE, Hanover-square.</b>		<b>LAMBETH; Waterloo (1st part).</b>		F. 44, purpura	4 months
M. 51, { inflamed leg	12 days	F. 44, bilious fever		F. 2, purpura	14 days
{ typhus		<b>Waterloo (2nd part).</b>		M. 48, purpura hæmorrhagica	6 days
<b>May Fair.</b>		F. 35, continued fever	14 days	F. 19, purpura epistaxis	4 weeks
F. 67, { synochus	4 weeks	<b>Church (1st part).</b>		<b>See Hospital Returns.</b>	
{ dysentery		M. 12, typhus		<b>Hæmorrhage:</b>	
<b>WESTMINSTER; St. John.</b>		F. 61, febris		M. 35 (inq. post mort.), natural death—sudden	
F. 9, gastric fever	7 days	<b>Church (2nd part).</b>		—from effusion of blood on the lungs	
M. 33, typhus	11 days	F. 16, { typhus gravior	5 days	F. 58, hæmoptysis—hæmorrhage from the lungs	
<b>St. Margaret.</b>		F. 70, typhus gravior	10 days	<b>Hæmatemesis:</b>	
M. 75, fever	10 days	F. 65, typhus	4 days	F. 62, hæmatemesis	24 hours
M. 65, fever with general debility		<b>Kennington (1st part).</b>		<b>Miscellaneous Causes:</b>	
<b>ST. MARTIN-IN-THE-FIELDS, Charing Cross.</b>		F. 73, bilious fever	6 days	M. 47, { aneurism of arch of aorta	4½ years
F. 66, typhus	14 days	<b>Kennington (2nd part).</b>		{ phthisis	
ST. MARYLEBONE; All Souls.		M. 29, fever—diarrhoea	14 days	F. 59 (p.m.), abdominal tumour—dropsy	
F. 13, fever	10 days	<b>ROTHERHITHE; Rotherhithe.</b>		M. 69, { hypertrophy of heart	6 months
<b>Cavendish-square.</b>		F. 30, typhus	7 days	(p.m.) { hydrothorax	2 months
M. 71, { fever		<b>GREENWICH; Woolwich Arsenal.</b>		{ pulmonary apoplexy	
{ affection of the bowels		M. 6, brain fever	12 days	phthisis pulmonalis	
<b>The Rectory.</b>		F. 62, fever	7 days	F. 26, { scrofulous disease of kidneys	
M. 64, typhus		<b>Greenwich West.</b>		(p.m.) { scrofulous ulceration of bladder—abscess in the cellular tissue around the rectum	
<b>St. John's.</b>		<b>WANDSWORTH AND CLAPHAM; Streatham.</b>		F. 25, { malignant tumour on outer part of leg	7 months
F. 38, { typhoid fever		F. 4, { fever		(p.m.) { amputation	4½ months
{ 10 days after childbirth.		<b>See Hospital Returns.</b>		secondary deposits	
EDMONTON; Hampstead.		<b>Remittent Fever:</b>		M. 53, exhaustion consequent upon operation for stone	
M. 41, { fever	5 days	M. 10, { remittent fever	16 days	F. 4 (p.m.), warty excrescence of the larynx, causing suffocation	3½ years
{ erysipelas		M. 7, remittent fever		F. 2, cæthyma cachecticum	3 weeks
ST. PANCRAS; Camden Town.		M. 2, { remittent fever	22 days	F. 24, { cirrhosis chronic	
M. 57, { fever	8 days	{ effusion on the brain		{ peritonitis with suppuration	
{ pulmonary congestion		M. 1, remittent fever	2 weeks		
ISLINGTON; Islington East.					
M. 43, fever					
<b>St. Giles; St. Giles, South.</b>					
M. 48, fever					
F. 68, typhus					
<b>ST. JAMES, CLERKENWELL; St. James.</b>					
F. 11 wks., { defective nutrition from removal of mother	25 days				
{ typhoid fever from contagion					

ANALYSIS OF CASES IN WHICH INQUESTS WERE HELD.—Violence, 11; apoplexy, 3; bronchitis, 1; disease of the heart, 2; other specified causes, 4; "natural death," "visitation of God," "found dead," &c., 3.—TOTAL, 24 cases.

THE NUMBER OF CASES IN WHICH IT IS RECORDED THAT A POST MORTEM EXAMINATION WAS MADE, IS 36.

# METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH,

During the Week ending Saturday, 28th August, 1847.

Day.	Phases of the Moon	Mean height of the Barometer, corrected and reduced to (32 degrees Fahrenheit.)	Readings of Thermometers								Difference between the Dew Point Temperature and Air Temperature				Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 25 years	WIND						Mean Amount of Cloud, 0-10	Rain in inches, read at 9 o'clock the next morning
			Dry			Dew Point Mean from 13 Rites	Highest in the sun, as shown by a self-register- ing Thermometer	Lowest on the grass, as shown by a self-register- ing Thermometer	In the Water of the Thames at Greenwich, by the self- registering Thermometer, read at 9 o'clock next morning		Mean of 19 Days	Greatest	Least	General Direction		Pressure in lbs. on the square foot		Mean of 19 Obs.	Amount of Horizontal Movement of the Air in each day				
			High- est from 12 Obs.	Low- est from 12 Obs.	Mean from 12 Obs.				Highest	Lowest				A.M.		P.M.	Greatest			Least			
AUGUST,		in.	°	°	°	°	°	°	°	°	°	°	°	°	S.W.	W. by S.	lbs.	lbs.	lbs.	Miles			
SUN.	22						80.3	36.5	64.8	64.0													
MON.	23	29.809	61.0	48.0	55.1	48.8	75.0	42.0	63.8	62.8	6.3	9.7	1.3	- 6.6	N.N.W.	N.	4.0	0.0	0.7	210	9.0	0.00	
TUES.	24	29.962	64.0	50.0	56.3	49.5	79.8	43.0	62.0	61.5	6.8	10.8	3.4	- 4.8	N.	N.N.E. and Calm	2.0	0.0	0.3	100	9.8	0.00	
WED.	25	29.966	72.7	52.0	60.9	53.2	94.8	48.0	62.5	61.8	7.7	15.4	3.4	- 0.1	Calm	Calm	0.0	0.0	0.0	30	7.7	0.00	
THU.	26	Full	30.040	72.0	53.0	62.0	56.1	90.0	39.0	62.2	61.8	5.9	11.2	1.3	+ 1.1	Calm	N. by W. and Calm	0.0	0.0	0.0	35	6.6	0.00
FRI.	27	Perigee in Equator.	30.142	76.0	48.8	62.9	56.3	98.3	43.2	62.5	61.8	6.6	14.2	0.2	+ 2.4	Calm	Calm and W.S.W.	0.0	0.0	0.0	35	6.5	0.00
SAT.	28		30.139	75.5	53.2	64.6	58.7	98.5	54.0	63.0	62.0	5.9	13.6	0.6	+ 4.4	S.W.	Calm and S.W.	0.0	0.0	0.0	40	5.8	0.10
MEANS		30.010	70.2	50.8	60.3	53.8	88.1	43.7	63.0	62.2	6.5	12.5	1.7	- 0.6	†						Sum 590	7.9	Sum 0.13

DAY	ELECTRICITY	Circumstances accompanying the exhibition of Electricity	GENERAL REMARKS
SUN.	Nothing was shewn during the morning. Positive and tension very strong during the afternoon and evening.		The sky was overcast, with rain falling at intervals till about 9h. p.m. There were a few breaks in the clouds between this time and midnight.
MON.	Positive and tension moderate till 8h. a.m. Nothing was shewn from this time till 4h. p.m. Positive and tension generally strong during the remainder of the day.		The greater part of the sky was covered with cirrostratus and scud throughout the day.
TUES.	Very variable in quantity till 2h. p.m. Positive and tension generally strong after this time		The sky was mostly covered with cirrostratus and scud throughout the day.
WED.	Positive but very weak till 6h. a.m. Positive and tension strong during the rest of the day.		Overcast till 8h. a.m. Cumuli then covered about one-half of the sky till 6h. p.m., and it was overcast during the remainder of the day.
THURS.	Positive and tension moderate till 2h. a.m. Nothing was shewn from this time till 10h. a.m. Positive and tension moderate during the remainder of the day.		Overcast till 10h. a.m. Cumuli, thin cirrostratus, and light clouds then generally covered one-third of the sky till midnight. At 11h. 20m. p.m. a lunar halo was seen, whose radius was 22.5°.
FRI.	Slightly positive till 4h. a.m., and at 1h. 20m. p.m. Nothing was shewn at any other times.		Thin cirrostratus, fleecy clouds, and haze, covered about two thirds of the sky throughout the day.
SAT.	Nothing was shewn till about noon. Positive and tension moderate during the remainder of the day.		The greater part of the sky was free from cloud till 2h. p.m. Generally overcast during the remainder of the day. At 9h. 15m. a.m. a solar halo was seen, whose radius measured 10°.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The amount of clouds is estimated by considering a clear sky to be represented by 0, a cloudy sky by 10; and when partially cloudy by estimating the number of tenths of the whole sky covered with cloud. The observations are taken every two hours, day and night.

The readings of the two self-registering thermometers, the one placed in the full rays of the sun, and the other placed on grass fully exposed to the sky, are taken every morning at 9 A.M., and therefore exhibit the highest and lowest readings respectively, that have occurred in the previous 24 hours. They are, however, placed here opposite to the civil day which precedes that on which the thermometers are read.

Whewell's anemometer (from the indications of which the estimation of horizontal movement is made) is read at 10 A.M., and the result given is for the 24 hours preceding. It is placed here opposite to the civil day, which precedes that on which the anemometer is read.

The average temperature for 25 years is furnished by Mr. Henry, Assistant at the Royal Observatory, from the observations made at his residence in the neighbourhood of Greenwich Park.

\* In reading the 16th column, it will be borne in mind that + is read "higher," and — "lower," than the average.

The temperature of the water of the Thames is ascertained by the use of a self-registering thermometer, suspended from the side of the Dreadnought Hospital Ship, at the depth of about 2 feet below the surface. The readings of this instrument are registered under the superintendence of Lieutenant Sanders, R.N., Superintendent of the Dreadnought. The mean reading of a thermometer placed on the mainmast, and read each day at 6h. 30m. A.M., was 53.6; and the mean reading at 7h. 30m. P.M., was 63.0; the mean readings at the Royal Observatory for the same times were 52.2 and 61.8 respectively.

† The directions of the wind for the week has been variable.

Births and Deaths registered in London,

During the Week ending Saturday, September 4th, 1847.

ANNUAL SERIES VIII.]

PUBLISHED BY AUTHORITY OF THE REGISTRAR GENERAL.

[No. 36.]

Causes of Death	Age			Total	Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population	5 Summers	Causes of Death.	Age			Total	Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population	5 Summers
	0 to 15	15 to 60	60 and upwards					0 to 15	15 to 60	60 and upwards			
ALL CAUSES.....	514	350	186	*1051	940		IV.—Laryngitis .....	..	..	..	..	I	
SPECIFIED CAUSES .....	513	349	186	*1049	935		Quinsey .....	..	..	..	..	2	
I.—Zymotic Diseases .....	242	68	41	351	226		Bronchitis .....	8	8	9	25	12	
SPORADIC DISEASES—							Pleurisy .....	..	2	4	6	2	
II.—Dropsy, Cancer, and other Diseases of uncertain or variable Seat .....	72	26	23	*122	103		Pneumonia .....	22	10	2	34	46	
III.—Diseases of the Brain, Spinal Marrow, Nerves and Senses .....	84	27	27	138	157		Hydrothorax .....	1	1	1	3	3	
IV.—Diseases of the Lungs, and of the other Organs of Respiration .....	46	136	20	202	226		Asthma .....	..	3	1	4	8	
V.—Diseases of the Heart and Blood-vessels .....	3	16	8	27	25		Phthisis (or Consump- tion) .....	14	107	3	124	142	
VI.—Diseases of the Stomach, Liver, and other Organs of Digestion .....	52	31	18	101	94		Disease of Lungs, &c.....	1	5	..	6	11	
VII.—Diseases of the Kidneys, &c.....	..	7	..	7	8		V.—Pericarditis.....	1	..	..	1	1	
VIII.—Childbirth, Diseases of the Uterus, &c. ....	..	8	..	8	10		Aneurism .....	..	3	..	3	.8	
IX.—Rheumatism, Diseases of the Bones, Joints, &c.....	1	8	1	10	7		Disease of Heart, &c. ....	2	13	8	23	23	
X.—Diseases of the Skin, Cellular Tissue, &c. ....	..	..	..	..	2		VI.—Teething.....	13	..	..	13	19	
XI.—Old Age .....	..	..	43	43	50		Gastritis .....	..	..	..	..	.24	
XII.—Violence, Privation, Cold and Intemperance .....	13	22	5	40	28		Enteritis .....	9	7	..	16	2	
I.—Small Pox .....	23	2	..	25	14		Peritonitis .....	1	6	..	7	.2	
Measles .....	40	..	..	40	28		Tabes Mesenterica.....	20	..	..	20	15.6	
Scarlatina .....	27	2	..	29	39		Worms .....	..	..	..	..	.6	
Whooping Cough .....	15	..	..	15	23		Ascites .....	..	1	1	2	.2	
Croup .....	12	..	..	12	6		Ulceration (of Intestines, &c.).....	1	1	..	2	3	
Thrush .....	7	..	..	7	9		Hernia .....	..	..	1	1	.2	
Diarrhoea .....	91	3	14	108	55		Colic or Ileus .....	1	4	2	7	3	
Dysentery .....	7	6	6	19	6		Intussusception .....	..	1	..	1	.5	
Cholera .....	2	3	3	8	7		Stricture (of the Intestinal Canal) .....	..	..	..	..	.6	
Influenza .....	..	..	1	1	.8		Hæmatemesis.....	..	1	2	3	.9	
Ague .....	..	..	..	..	.3		Disease of Stomach, &c. ..	5	1	4	10	7	
Remittent Fever.....	..	..	..	..	.7		Disease of Pancreas .....	..	..	..	..	..	
Typhus .....	14	47	16	77	30		Hepatitis .....	..	2	2	4	3	
Erysipelas .....	4	3	1	8	5		Jaundice .....	2	..	2	4	3	
Syphilis .....	..	2	..	2	1		Disease of Liver, &c. ....	..	7	4	11	10	
Hydrophobia .....	..	..	..	..	..		Disease of Spleen.....	..	..	..	..	.2	
II.—Hæmorrhage .....	..	1	1	2	3		VII.—Nephritis.....	..	2	..	2	.4	
Dropsy .....	1	3	5	9	23		Ischuria .....	..	..	..	..	..	
Abscess .....	..	..	..	..	2		Diabetes .....	..	..	..	..	.6	
Noma .....	..	..	..	..	.2		Cystitis .....	..	..	..	..	.3	
Mortification .....	2	1	3	6	3		Stone .....	..	..	..	..	.6	
Purpura .....	1	..	..	1	.6		Stricture (of the Urethra) ..	..	1	..	1	1	
Scrofula .....	3	5	..	8	4		Disease of Kidneys, &c. ..	..	4	..	4	5	
Cancer .....	..	3	4	7	12		VIII.—Childbirth .....	..	6	..	6	6	
Tumour .....	..	..	..	..	.9		Paramenia .....	..	..	..	..	.3	
Gout .....	..	1	2	3	.9		Ovarian Dropsy .....	..	..	..	..	.5	
Atrophy .....	36	..	2	38	20		Disease of Uterus, &c. ....	..	2	..	2	3	
Debility .....	22	6	..	28	22		IX.—Arthritis .....	..	..	..	..	..	
Malformations .....	7	1	..	8	2		Rheumatism .....	..	3	..	3	3	
Sudden Deaths (including Coroners' Inquests, in which it is not shewn from what diseases or causes the persons died.)	..	5	6	*12	9		Disease of Joints, &c. ....	1	5	1	7	4	
III.—Cephalitis .....	13	3	..	16	13		X.—Carbuncle .....	..	..	..	..	.1	
Hydrocephalus .....	30	..	..	30	37		Phlegmon .....	..	..	..	..	.2	
Apoplexy .....	1	4	10	15	18		Ulcer .....	..	..	..	..	.4	
Paralysis.....	..	7	13	20	15		Fistula .....	..	..	..	..	.3	
Convulsions.....	36	1	..	37	54		Disease of Skin, &c.....	..	..	..	..	.6	
Tetanus .....	..	..	..	..	.4		XI.—Old Age .....	..	..	43	43	50	
Chorea .....	..	..	..	..	.1		XII.—Intemperance .....	..	..	1	1	1	
Epilepsy .....	2	5	2	9	5		Privation.....	2	..	..	3	.4	
Insanity .....	..	..	1	1	1		Violent Deaths .....	11	22	4	37	27	
Delirium Tremens.....	..	2	..	2	3		Causes not Specified.....	1	1	..	2	5	
Disease of Brain, &c. ....	2	5	1	8	10								

Weekly Average derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population		5 Summers.		Deaths registered in the Week		Births registered in the Week	
Males .....	479	Females .....	461	Males .....	526	Males .....	652
Total 940		Total.. 1051		Total.. 1295			

\* The age of a male, who died suddenly, is not stated.

DISTRICTS OF LONDON, Comprising 135 Registrars' Districts.		Area in square Miles	Population Enume- rated in 1841	Weekly Average derived from Deaths of 1842-6, and corrected for increase of Population	DEATHS registered in the Week	BIRTHS registered in the Week
				5 Summers		
WEST DISTRICTS	{ Kensington; Chelsea; St. George, Hanover-square; Westminster; St. Martin in the Fields; St. James .....	17.2	301,326	137	133	189
NORTH DISTRICTS	{ St. Marylebone; St. Pancras; Islington; Hackney; part of Edmonton, viz. Hampstead .....	20.5	376,396	175	210	248
CENTRAL DISTRICTS	{ St. Giles and St. George; Strand; Holborn; Clerkenwell; St. Luke; East London; West London; City of London .....	2.8	374,759	173	213	224
EAST DISTRICTS	{ Shoreditch; Bethnal Green; Whitechapel; St. George in the East; Stepney; Poplar .....	8.8	393,247	212	250	288
SOUTH DISTRICTS	{ St. Saviour; St. Olave; Bermondsey; St. George, Southwark; Newington; Lambeth; Wandsworth and Clapham; Camberwell; Rotherhithe; Greenwich; Lewisham .....	66.2	502,483	244	245	346
TOTALS .....		115.5	1,948,211	940	1051	1295

Births and Deaths not caused by Violence, registered in the Metropolis in the last 13 weeks, with the Mean Temperature for the same periods.													
	12th June	19th June	26th June	3rd July	10th July	17th July	24th July	31st July	7th Aug.	14th Aug.	21st Aug.	28th Aug.	4th Sept.
BIRTHS .....	1177	1178	1355	1277	1199	1182	1210	1324	1240	1232	1223	1222	1295
DEATHS (except from Violence) .....	820	915	893	865	861	925	877	933	944	1080	1046	1059	1014
Deaths (except from Violence) at 60 yrs. & upwards .....	180	187	182	178	173	178	167	155	141	205	195	209	183
Diarrhoea .....	20	22	21	17	32	43	56	111	106	158	138	124	108
Typhus .....	44	52	58	61	52	64	57	54	55	70	62	74	77
Purpura .....	0	3	2	2	0	3	0	4	1	0	5	1	1
Mean Temperature .....	54.4	56.0	57.8	61.3	65.5	70.2	63.1	65.9	62.6	63.2	64.1	60.3	54.3

DEATHS from Purpura or from Scurvy in LONDON;—													
YEARS	Quarters of 13 weeks each, ending in												Total in the Year
	March	June	Sept.	Dec.	March	June	Sept.	Dec.	March	June	Sept.	Dec.	
1842	3	5	4	4	16								
1843	2	1	6	4	13								
1844	5	3	7	6	21								
1845	2	4	11	8	25								
1846	5	9	9	5	28								
1847	16	25											

DEATHS registered in LONDON, in corresponding series of weeks of eight years:—													
No. of week..	30	31	32	33	34	35	36	Average of 7 weeks					
1840	854	873	913	900	845	882	878	878					
1841	802	783	826	800	769	812	893	812					
1842	910	918	902	987	923	855	892	912					
1843	774	841	826	820	867	934	905	852					
1844	1078	1026	946	944	948	810	927	954					
1845	884	838	929	875	855	846	773	857					
1846	1018	1101	1150	982	917	894	899	994					
Average of 7 yrs	903	911	927	901	875	862	881	894					
1847	905	964	998	1108	1057	1084	1051	1024					

# EXTRACTS FROM THE METROPOLITAN RETURNS OF THE PREVIOUS WEEK, No. 35.

(The tabular abstract on the first page is for the week ending Saturday, Sept. 4th. The following selection of cases is made from the returns for the week ending Aug. 28th.)

NOTE.—M. or F. at the beginning of an entry indicates sex; the numerals which follow, mark the age at death, in years, except when otherwise stated. The italics at the end of an entry shew the duration of illness; and when the place is supplied by an asterisk (\*), the Coroner, Medical Practitioner, or other Informant, has not been able to ascertain, or has omitted to state the time in which the person has been subject to the disease or injury which has proved fatal. In making the return, it should invariably be stated that duration of illness could not be ascertained, when this is the case.

RETURNS OF VIOLENT DEATHS, MADE CHIEFLY BY CORONER.													
NOTE.—The cases of violence not returned by the Coroner, have the words "no inquest."													
Fractures and Contusions:—			Drowning:—			Poison:—							
duration			duration			duration							
M. 87, general decay of nature, accelerated by a fall through weakness .....		*	M. 38, boot and shoe maker, found in the mud on the bed of the River Thames, off Western Wharf, Adelphi—no marks of violence—no evidence how and when he became drowned .....		*	M. 9, arsenic eaten in rhubarb pudding, mixed in the flour by his mother, in ignorance of its nature; it having been left carelessly within her reach on a shelf by her husband, but not with evil intent .....		4 hours					
M. 6, { an injury of the head from a brick being let fall upon him. locked jaw on the .....	6th day		M. 26, mate of a steam vessel, accidentally drowned by a fall into the River Thames, from a pier gangway .....		*	M. 3, arsenic eaten in rhubarb pudding, mixed with the flour by his mother, in ignorance of its nature; it having been left carelessly within her reach on a shelf by her husband, but not with evil intent .....		5½ hours					
F. 3 mon., { fracture of the humerus .....	*		M. 43, Chelsea pensioner, drowned—no proof by what means he came into the water of the River Thames .....	6 days		M. 17 mon., arsenic eaten in rhubarb pudding, mixed with the flour by his mother, in ignorance of its nature; it having been left carelessly within her reach on a shelf by her husband, but not with evil intent .....		7 hours					
F. 5, daughter of a merchant's clerk, accidentally run over by a carriage in the Hackney Road .....	*		Hanging and Suffocation:—			M. 34, arsenic eaten in rhubarb pudding, mixed in the flour by his wife, in ignorance of its nature; it having been left carelessly within her reach by her husband, but not with evil intent .....		23 hours					
M. 66, rupture of an artery, resulting from violence, but how received no actual proof—supposed contact with a cart .....	5 months		M. 27 (post mort.), inhaling sulphuretted hydrogen gas when in a privy, vitriol having been poured into a defective and foul drain communicating with the privy .....	died instantly		F. 4, arsenic eaten in rhubarb pudding, mixed in the flour by her mother, in ignorance of its nature; it having been carelessly left within her reach on a shelf by her husband, but not with evil intent .....		8 hours					
F. 3 (post mort.), congestion of the membranes of the brain, resulting from a fall accidentally received .....	*		M. 60, suffocated by falling into a ditch accidentally .....	5 mins.		F. 6, arsenic eaten in rhubarb pudding, mixed with the flour by her mother, in ignorance of its nature; it having been left carelessly within her reach on a shelf by her husband, but not with evil intent .....		10 hours					
M. 8 (post mort.), rupture of a blood vessel of the brain, resulting from blows or falls, how received unknown .....	15 hours		M. 2, { cynanche tonsillaris .....	3 days		M. 8, manslaughter—the cause not stated in the return.							
M. 1, son of a grocer, killed by the off wheel of a certain cart passing on and over his head accidentally .....	10 mins.		(post mort.) { constitution enfeebled by the continued pressure of a farthing in the cardiac orifice of the stomach .....	2 months									
Wounds:—			Burns and Scalds:—										
F. 35, wife of a smith, suicide—cut her throat, being of unsound mind .....	5 mins.		M. 19 mon., son of a tailor, scald of the chest, producing inflammation of the bowels, supposed when about to drink from a mug of hot water .....	9 days									
			F. 8 mon., daughter of a labourer, scalds by upsetting a coffee pot, which had been placed on the floor .....	8 days									

FIFTEEN HOSPITALS.—CAUSES OF DEATHS (NOT VIOLENT) AS RETURNED BY THE MEDICAL OFFICERS.													
NOTE.—Deaths in hospitals from fractures, wounds, burns, scalds, poison, are not contained in this list. See deaths by violence.													
St. George's H.:—			Charing Cross H.:—No deaths registered.			Fever H.:—							
duration			duration			duration							
M. 23, stricture and disease of the bladder and kidneys .....	*		Middlesex H.:—			M. 15, { scarlatina maligna .....		*					
M. 31 (post mort.), ulcer on leg, fatty kidney, liver, &c. ....	*		F. 39, diseased spine .....	10 months		in hospital 3 days.							
Westminster H.:—			F. 30, scarlatina .....	*		Small Pox H.:—							
M. 12, typhus .....	*		F. 22, ascites—anasarca .....	*		F. 23, { small pox, confluent .....	19 days						
			University College H.:—No deaths registered.			{ fever .....	8 days						

**FIFTEEN HOSPITALS.—CAUSES OF DEATH (NOT VIOLENT) AS RETURNED BY THE MEDICAL OFFICERS (continued):—**

<b>King's College H.:—</b>		<b>London H.:—</b>		<b>Guy's H.:—</b>	
M. 54, { pneumonia gangrene of the lung	1 week	M. 33, phthisis	*	M. 27, { typhus	15 days
		M. 34, paralysis	*	F. 21, { cerebral oppression	8 hours
		F. 42, morbus uteri	*	F. 21, { erysipelas of head and face	5 days
				F. 31, { tumour	2 years
				F. 31, { erysipelas after operation	10 days
<b>St. Bartholomew's H.:—</b>		<b>St. Thomas' H.:—</b>		<b>Royal Ordnance Hospital:—No deaths registered.</b>	
M. 43, disease of the heart	*	F. 35, { febris	14 days	<b>Dreadnought H.:—No deaths registered.</b>	
M. 66, { bronchitis	*	F. 35, { diarrhoea	*	<b>Consumption H.:—</b>	
M. 23, disease of the heart	*	M. 27, phthisis	*	M. 52, phthisis	10 years
M. 15, phthisis	*	M. 66, { rheumatism	4 months	F. 30 (post mort.), phthisis	2½ years
F. 38, diseased liver	*	F. 45, ascites	*		
<b>DEATHS BY SMALL POX, TYPHUS, ETC., SYPHILIS, MALFORMATION, HERNIA, DIABETES, STONE, CHILDBIRTH, DELIRIUM TREMENS, INTEMPERANCE, PRIVATION, WANT OF BREAST-MILK, PURPURA, HÆMORRHAGE, HÆMATEMESIS, ETC.</b>					
<b>Small Pox:—</b>		<b>CLERKENWELL; Amwell.</b>		<b>CAMBERWELL; Peckham.</b>	
NOTE.—It should be stated in all cases whether vaccination had been performed with effect.		M. 25, { rheumatic fever	6 days	M. 69, fever	4 months
		M. 25, { typhus	4 days	F. 22, fever	3 months
				<b>ROTHERHITHE; Rotherhithe.</b>	
M. 9 mon., { variola		M. 48, typhus	5 days	F. 15, typhus	10 days
vaccinated at the National Vaccine Institution, on the 11th Aug., and sickened with small pox the same evening.		WEST LONDON; North.	*	<b>GREENWICH; St. Paul's, Deptford.</b>	
M. 8 mon., { small pox		M. 38, fever	*	F. 5, { typhus	11 days
vaccinated when 7 months old—no medical advice.		CITY OF LONDON; North West.	*	F. 5, { cerebral effusion	5 days
M. 20, { variola—confluent		F. 19, fever	10 days		
taken naturally, and said to have been vaccinated unsuccessfully.		South.	*	F. 62, fever	9 days
M. 3, { small pox		F. 65, { fever	*		
not vaccinated.		F. 65, { disease of the brain	7 weeks	F. 64, fever	7 days
F. 2, variola and diarrhoea	1 week	SHOREDITCH; Hoxton New Town.	*	F. 32, fever	12 days
M. 27, { confluent small pox		M. 3, { inflammation of the lungs	*	<b>See Hospital Returns.</b>	
vaccinated 24 years ago.		F. 60, febris	1 week		
F. 2, small pox	7 days			<b>Syphilis:—</b>	
M. 10, { small pox		M. 14, { typhus	13 days	F. 5 wks., hereditary syphilis	*
vaccinated at 3 or 4 months old.		M. 14, { peritonitis	3 days	F. 2 mon., { syphilis	from birth
M. 7 mon., variola (not vaccinated)	10 days			F. 36, syphilis	12 months
F. 1, small pox	12 days	St. Leonard.	*	<b>Malformation:—No deaths registered from this cause.</b>	
M. 4, natural small pox—confluent	19 days	M. 3, { typhus	*	<b>Hernia:—No deaths registered from this cause.</b>	
M. 6, { variola		M. 13, typhus fever	2 weeks	<b>Diabetes:—</b>	
not vaccinated.		M. 40, fever, with ulceration of the throat and erysipelas	14 days	M. 62, diabetes	*
M. 8, { small pox		Ilaggerstone, West.	*	<b>Stone:—No deaths registered from this cause.</b>	
not vaccinated.		M. 6, typhoid fever	*	<b>Childbirth:—The time elapsing from commencement of labour to death should invariably be returned.</b>	
F. 4, { confluent small pox		BETHNAL GREEN; Church.	2 weeks	F. 33, { metritis	3 days
not vaccinated.		F. 5, typhus	2 weeks	F. 29, { childbirth	6 days
F. 5 mon., { confluent small pox		Town.	3 weeks	F. 29, { puerperal fever	4 days
not vaccinated.		WHITECHAPEL UNION; The Artillery.	33 days	F. 36, exhaustion, caused by violent flooding during labour	14 days
F. 1, { small pox		F. 65, congestive fever	*	F. 23, { puerperal peritonitis	2 weeks
vaccinated the previous week without effect.		Mile End, New Town.	3 weeks	F. 21, puerperal fever	*
M. 5 mon., variola	9 days	M. 7, { continued fever	9 days	F. 25, puerperal fever	*
F. 1, { small pox		M. 42, typhus	*	F. 35 (post mort.), natural death, sudden, from rupture of a vessel in the head in labour	*
not vaccinated		Whitechapel North.	*	F. 31, { placental presentation	*
M. 24, small pox	11 days	M. 45, typhus	*		
F. 1, small pox	5 days	M. 68, synochus	*	<b>Delirium Tremens:—</b>	
M. 10 mon., { variola		F. 54, typhus	*	F. 61, delirium tremens	2 months
without previous vaccination.		F. 18, typhus	*	M. 36, delirium tremens	3 days
F. 1, small pox, natural	7 days	Aldgate.	19 days	F. 27, delirium tremens	*
variola		M. 66, { fever and diarrhoea	2 days	<b>Intemperance:—No deaths registered from this cause.</b>	
The mother of this child stated that it had been vaccinated about three weeks previous to the death—without effect.		St. GEORGE IN THE EAST; East.	8 days	<b>Privation and Neglect:—</b>	
F. 10 mon., { variola		F. 6, fever	13 days	M. 54 (inquest), disease of the lungs, accelerated by want	*
The mother of this child stated that it had been vaccinated about three weeks previous to the death—without effect.		St. Mary's.	13 days	F. 1 hour, want of attention by the nurse not clearing the child's mouth, no medical man being present to do it in time.	*
M. 1, small pox, natural	14 days	M. 1, fever	8 days	M. 3 wks., diarrhoea—no natural nourishment since the death of mother.	*
See Return of Small Pox Hospital.		F. 24, fever	4 days	<b>Want of Breast-milk:—</b>	
<b>Typhus, &amp;c.:—</b>		F. 37, { synocha	3 weeks	M. 22 days, { convulsions	*
<b>PADDINGTON; St. John.</b>		F. 4, febris	6 days	M. 22 days, { want of breast-milk	*
M. 17, { fever				M. under 1, { diarrhoea	*
diarrhoea		St. John.	7 days	M. under 1, { marasmus	*
<b>KENSINGTON; Fulham.</b>		M. 78, { diarrhoea	6 days	M. 6 weeks, atrophy from want of breast-milk	*
F. 6 mon., fever	*	F. 40, fever and syphilis	*	F. 9 days, want of breast-milk	*
<b>Brompton.</b>		POPLAR; Poplar.	1 week	F. 6 weeks (inquest), natural death; debility from disease and want of breast-milk	*
M. 22, inflammatory fever	*	M. 49, fever	1 week	F. 12 days, congenital debility—want of breast-milk from birth	*
<b>CHELSEA; North-east.</b>		F. 54, synochus	*	F. 14 days, apthæ and inanition	*
F. 12, { fever		St. OLAVE; St. John.	12 days	<b>Purpura:—</b>	
marasmus		F. 58, { febris	6 days	M. 6, purpura	*
3 months		F. 58, { icterus	6 days	<b>Hæmorrhage:—</b>	
<b>WESTMINSTER; St. John.</b>		BERMONDSEY; St. Mary Magdalen.	6 weeks	F. 28, rupture of a blood vessel in the lungs	*
M. 7, fever—typhoid	8 days	M. 60, fever	6 weeks	M. 40 (inquest), natural; rupture of a blood-vessel, supposed in the lungs; died in a few minutes.	*
<b>St. Margaret.</b>		St. James.	*	F. 5 days, venous congestion; ruptured blood-vessel from birth.	*
M. 70, fever	*	St. GEORGE, SOUTHWARK; Kent-road.	*	M. 77, { epistaxis	6 months
<b>St. JAMES, WESTMINSTER; Golden-square.</b>		F. 14, { typhus	*		
M. 38, fever	13 days	Borough-road.	*	<b>Hæmatemesis:—</b>	
<b>St. MARYLEBONE; The Rectory.</b>		M. 62, fever and jaundice	*	M. 57, hæmatemesis	*
M. 21, typhus	*	LAMBETH; Lambeth Church (1st part).	9 days	<b>Miscellaneous Causes:—</b>	
F. 36, fever and ulcerated intestines	*	F. 7, typhus	9 days	M. 43 (inquest—post mort.), natural—hyper-trophy and ossification of the heart	instantly
F. 19, fever	*	Lambeth Church (2nd part).	9 days	F. 15, { caries of bones of nose and face	*
<b>St. PANCRAS; Camden Town.</b>		M. 4, { effusion on the brain	2 days	(post mort.) { and base of temporal bone	9 weeks
M. 58, typhus	*	convulsions	*	F. 53, cancer of left breast—operation—collapse—death 5 days after operation—ether was administered.	*
<b>Regent's Park.</b>		Kennington (1st part).	2 weeks	F. 21 (inquest), disease of the heart—suddenly became insensible at work, and instantly died	*
F. 78, { febris		Norwood.	2 hours	M. 8 (inquest), asphyxia in the act of coughing 5 mins.	*
dysenteria		F. 53, fever—atrophy	4 months		
<b>ISLINGTON; West.</b>					
M. 45, typhus	*				
<b>East.</b>					
M. 40, fever	10 days				
<b>St. GILES; South, St. Giles.</b>					
F. 3, typhus	*				
<b>North.</b>					
F. 4, fever	4 weeks				
F. 55, typhus	*				
<b>HOLBORN; St. Andrew.</b>					
M. 46, fever	6 months				
F. 28, { disease of the lungs					
typhus					
F. 40, { disease of heart					
fever					

ANALYSIS OF CASES IN WHICH INQUESTS WERE HELD.—Violence, 24; apoplexy, 4; enteritis, 1; hæmorrhage, 1; disease of the heart, 6; other specified causes, 10; "natural death," "visitation of God," "found dead," &c., 6.—TOTAL, 52 cases.

THE NUMBER OF CASES IN WHICH IT IS RECORDED THAT A POST MORTEM EXAMINATION WAS MADE, IS 33.

# METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH,

During the Week ending Saturday, 4th September, 1847.

Day.	Phases of the Moon	Mean height of the Barometer, (corrected and reduced to 32 degrees Fahrenheit.)	Readings of Thermometers										Difference between the Dew Point Temperature and Air Temperature			Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 25 years	WIND							Mean Amount of Cloud, 0-10	Rain in inches, read at 9 o'clock the next morning																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
			Dry			Dew Point	Highest in the sun, as shown by a self-regis- ter- ing Thermometer	Lowest on the grass, as shown by a self-regis- ter- ing Thermometer	In the Water of the Thames at Greenwich, by the self- registering Thermometer, read at 9 o'clock next morning		Mean of 12 Diffs.			General Direction			Pressure in lbs. on the square foot			Amount of Horizontal Movement of the Air in each day																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
			High- est from 12 Obs.	Low- est from 12 Obs.	Mean from 12 Obs.	Mean from 12 Rits			Highest	Lowest	Greatest	Least	A.M.	P.M.	Greatest		Least	Mean of 12 Obs.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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DAY	ELECTRICITY	Circumstances accompanying the exhibition of Electricity	GENERAL REMARKS
SUN.	Positive and tension moderate at 4h. p.m. At other examinations nothing was shewn.		Three-fourths of the sky were covered with cumuli, cirrostratus, and scud throughout the day. At 8h. a.m. a shower of rain fell.
MON.	Nothing was shewn till 9h. a.m. Positive and tension very variable during the remainder of the day.		The sky was cloudless at 0h. (stat.) and the greater part was covered during the remainder of the day. The prevailing clouds were cirrostratus, cumulostratus, and scud.
TUES.	Positive and tension moderate throughout the day, except at 5h. a.m., when nothing was shewn.		The sky was overcast till 2h. p.m.; from this time till 5h. p.m. the amount of cloud was variable; cloudless afterwards till midnight. The prevailing clouds were cirrostratus and scud.
WED.	Positive and tension weak till 7h. a.m. Nothing was shewn from this time till 4h. p.m. Positive and tension weak during the remainder of the day.		The amount of cloud was small till noon; overcast till 4h. p.m., and about one-half covered till midnight. Cirrostratus and scud were the prevailing clouds.
THURS.	Nothing was shewn during the morning. Negative and very active at 1h. 30m. p.m. Positive and very weak during the remainder of the day.	Rain falling.	Cloudless till 4h. a.m., and nearly overcast till 2h. p.m. The amount of cloud was variable till 5h. p.m., and cloudless afterwards till midnight. Cumulostratus, cirrostratus, and scud, were the prevailing class of clouds. A shower of rain fell at 1h. 30m. p.m.
FRID.	Nothing was shewn till 9h. a.m. From 9h. a.m. till 4h. p.m. positive and weak. Nothing was shewn afterwards.		Cirrostratus, scud, and haze, variable in amount, prevailed till 7h. a.m.; the sky was overcast till 5h. p.m., and about one-half covered till midnight. Rain was falling occasionally in the morning, and again in the afternoon.
SAT.	Nothing was shewn throughout the day.		The sky was overcast with cirrostratus till 2h. a.m.; nearly cloudless from this time till 5h. a.m.; about three-fourths covered till 6h. p.m.; and generally clear till midnight.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The amount of clouds is estimated by considering a clear sky to be represented by 0, a cloudy sky by 10; and when partially cloudy by estimating the number of tenths of the whole sky covered with cloud. The observations are taken every two hours, day and night.

The readings of the two self-registering thermometers, the one placed in the full rays of the sun, and the other placed on grass fully exposed to the sky, are taken every morning at 9 A.M., and therefore exhibit the highest and lowest readings respectively, that have occurred in the previous 24 hours. They are, however, placed here opposite to the civil day which precedes that on which the thermometers are read.

Whewell's anemometer (from the indications of which the estimation of horizontal movement is made) is read at 10 A.M., and the result given is for the 24 hours preceding. It is placed here opposite to the civil day, which precedes that on which the anemometer is read.

The average temperature for 25 years is furnished by Mr. Henry, Assistant at the Royal Observatory, from the observations made at his residence in the neighbourhood of Greenwich Park.

\* In reading the 16th column, it will be borne in mind that + is read "higher," and — "lower," than the average.

The temperature of the water of the Thames is ascertained by the use of a self-registering thermometer, suspended from the side of the Dreadnought Hospital Ship, at the depth of about 2 feet below the surface. The readings of this instrument are registered under the superintendence of Lieutenant Sanders, R.N., Superintendent of the Dreadnought. The mean reading of a thermometer placed on the mainmast, and read each day at 6h. 30m. A.M., was 50.3; and the mean reading at 7h. 30m. P.M., was 58.8; the mean readings at the Royal Observatory for the same times were 49.2 and 56.0 respectively.

† The mean direction of the wind for the week is nearly W.

# Births and Deaths registered in London,

During the Week ending Saturday, September 11th, 1847.

ANNUAL SERIES VIII.]

PUBLISHED BY AUTHORITY OF THE REGISTRAR GENERAL.

[No. 37.]

Causes of Death	Age			Total	Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population		Causes of Death.	Age			Total	Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population	
	0 to 15	15 to 60	60 and upwards					0 to 15	15 to 60	60 and upwards			
ALL CAUSES.....	553	317	165	*1040	940		IV.—Laryngitis .....	1	..	1	2	1	
SPECIFIED CAUSES .....	552	317	165	*1039	935		Quinsey .....	1	..	1	2	2	
I.—Zymotic Diseases .....	284	62	24	*372	226		Bronchitis .....	4	3	6	13	12	
SPORADIC DISEASES—							Pleurisy .....	2	1	1	4	2	
II.—Dropsy, Cancer, and other Dis-	78	26	17	121	103		Pneumonia .....	16	3	2	21	46	
eases of uncertain or variable							Hydrothorax .....	1	2	1	4	3	
seat .....							Asthma .....	..	3	5	8	8	
III.—Diseases of the Brain, Spinal	86	28	28	*143	157		Phthisis (or Consump-	4	96	7	*108	142	
Marrow, Nerves and Senses ..}							tion) .....						
IV.—Diseases of the Lungs, and of	31	117	26	*175	226		Disease of Lungs, &c. ....	2	9	2	13	11	
the other Organs of Respiration }													
V.—Diseases of the Heart and Blood-	2	20	10	32	25		V.—Pericarditis.....	..	1	1	2	1	
vessels .....							Aneurism .....	..	2	..	2	.8	
VI.—Diseases of the Stomach, Liver,	58	25	8	91	94		Disease of Heart, &c. ....	2	17	9	28	23	
and other Organs of Digestion }													
VII.—Diseases of the Kidneys, &c. ....	1	9	6	16	8		VI.—Teething.....	14	..	..	14	19	
VIII.—Childbirth, Diseases of the	..	5	4	9	10		Gastritis .....	..	1	..	1	24	
Uterus, &c. ....}							Enteritis .....	7	4	2	13	2	
IX.—Rheumatism, Diseases of the	..	8	..	8	7		Peritonitis .....	1	..	..	1	2	
Bones, Joints, &c. ....}							Tabes Mesenterica.....	26	..	..	26	15	
X.—Diseases of the Skin, Cellular	1	..	..	1	2		Worms .....	1	..	..	1	.6	
Tissue, &c. ....}							Ascites .....	..	..	..	..	2	
XI.—Old Age .....	..	..	41	41	50		Ulceration (of Intestines, }	1	2	..	3	3	
XII.—Violence, Privation, Cold and	11	17	1	*30	28		&c.).....						
Intemperance .....							Hernia .....	..	..	..	..	2	
I.—Small Pox .....	13	1	..	14	14		Colic or Ileus .....	2	..	..	2	3	
Measles .....	37	..	..	37	28		Intussusception .....	2	1	..	3	.5	
Scarlatina .....	48	1	..	49	39		Stricture (of the Intestinal }	..	1	..	1	.6	
Whooping Cough .....	19	..	..	19	23		Canal) .....						
Croup .....	5	..	..	5	6		Hæmatemesis .....	..	..	..	..	.9	
Thrush .....	8	..	..	8	9		Disease of Stomach, &c. ....	4	..	1	5	7	
Diarrhoea .....	105	6	8	119	55		Disease of Pancreas .....	..	..	..	..	..	
Dysentery .....	8	2	3	13	6		Hepatitis .....	..	4	1	5	3	
Cholera .....	5	1	1	7	7		Jaundice .....	..	1	1	2	3	
Influenza .....	..	..	..	..	.8		Disease of Liver, &c. ....	..	11	3	14	10	
Ague .....	..	..	..	..	.3		Disease of Spleen.....	..	..	..	..	.2	
Remittent Fever.....	..	..	..	..	.7		VII.—Nephritis.....	..	..	..	..	.4	
Typhus .....	27	45	8	*81	30		Ischuria .....	..	..	1	1	..	
Erysipelas .....	7	4	4	15	5		Diabetes .....	1	4	..	5	.6	
Syphilis .....	2	2	..	4	1		Cystitis .....	..	..	1	1	.3	
Hydrophobia .....	..	..	..	..	..		Stone .....	..	..	1	1	.6	
II.—Hæmorrhage .....	..	3	..	3	3		Stricture (of the Urethra) ..	..	2	..	2	1	
Dropsy .....	2	6	6	14	23		Disease of Kidneys, &c. ....	..	3	3	6	5	
Abscess .....	1	..	..	1	2		VIII.—Childbirth .....	..	3	..	3	6	
Noma .....	..	..	..	..	.2		Paramenia .....	..	..	..	..	.3	
Mortification .....	1	..	1	2	3		Ovarian Dropsy .....	..	..	..	..	.5	
Purpura .....	2	1	..	3	.6		Disease of Uterus, &c. ....	..	2	4	6	3	
Scrofula .....	2	2	..	4	4		IX.—Arthritis .....	..	..	..	..	..	
Cancer .....	1	7	4	12	12		Rheumatism .....	..	4	..	4	3	
Tumour .....	..	..	..	..	.9		Disease of Joints, &c. ....	..	4	..	4	4	
Gout .....	..	..	2	2	.9		X.—Carbuncle .....	..	..	..	..	.1	
Atrophy .....	36	..	1	37	20		Phlegmon .....	..	..	..	..	.2	
Debility .....	10	2	..	21	22		Ulcer .....	..	..	..	..	.4	
Malformations .....	8	..	..	8	2		Fistula.....	..	..	..	..	.3	
Sudden Deaths (including	6	5	3	14	9		Disease of Skin, &c.....	1	..	..	1	.6	
Coroners' Inquests, in which it is							XI.—Old Age .....	..	..	41	41	50	
not shewn from what diseases or							XII.—Intemperance .....	..	2	..	2	1	
causes the persons died.)							Privation.....	..	..	..	..	.4	
III.—Cephalitis .....	7	1	..	8	13		Violent Deaths .....	11	15	1	*28	27	
Hydrocephalus .....	23	..	..	23	37		Causes not Specified .....	1	..	..	1	5	
Apoplexy .....	1	9	11	21	18								
Paralysis.....	..	5	13	*19	15								
Convulsions.....	51	1	..	52	54								
Tetanus .....	..	..	..	..	.4								
Chorea .....	..	..	..	..	.1								
Epilepsy .....	1	5	1	7	5								
Insanity .....	..	1	..	1	1								
Delirium Tremens.....	..	3	..	3	3								
Disease of Brain, &c. ....	3	3	3	9	10								

Weekly Average derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population		Deaths registered in the Week		Births registered in the Week	
Males .....	479	Males .....	519	Males .....	666
Females .....	461	Females .....	521	Females .....	611
Total .....	940	Total .....	1040	Total .....	1277

\* The ages of 5 persons, whose deaths are included respectively under thrush, typhus, paralysis, consumption, and violent deaths, are not stated.

DISTRICTS OF LONDON,  
Comprising 135 Registrars' Districts.

	Area in square Miles	Population Enu- mer- ated in 1841	Weekly Average Deaths of 1842-6, and corrected for Increase of Population	DEATHS registered in the Week	BIRTHS registered in the Week
			5 Summer		
WEST DISTRICTS { Kensington; Chelsea; St. George, Hanover-square; Westminster; St. Martin } { in the Fields; St. James }	17.2	301,326	137	143	181
NORTH DISTRICTS { St. Marylebone; St. Pancras; Islington; Hackney; part of Edmonton, viz. Hampstead }	20.5	376,396	175	208	224
CENTRAL DISTRICTS { St. Giles and St. George; Strand; Holborn; Clerkenwell; St. Luke; East } { London; West London; City of London }	2.8	374,759	173	196	242
EAST DISTRICTS { Shoreditch; Bethnal Green; Whitechapel; St. George in the East; Stepney; } { Poplar }	8.8	393,247	212	248	319
SOUTH DISTRICTS { St. Saviour; St. Olave; Bermondsey; St. George, Southwark; Newington; Lambeth; } { Wandsworth and Clapham; Camberwell; Rotherhithe; Greenwich; Lewisham }	66.2	502,483	244	245	311
TOTALS .....	115.5	1,948,211	940	1040	1277

Births and Deaths not caused by Violence, registered in the Metropolis in the last 13 weeks, with the Mean Temperature for the same periods.

	19th June	26th June	3rd July	10th July	17th July	24th July	31st July	7th Aug.	14th Aug.	21st Aug.	28th Aug.	4th Sept.	11th Sept.
BIRTHS .....	1178	1355	1277	1199	1182	1210	1324	1240	1232	1223	1222	1295	1277
DEATHS (except from Violence) .....	915	893	865	861	925	877	933	944	1080	1046	1059	1014	1012
Deaths (except from Violence) at 60 yrs. & upwards .....	187	182	178	173	178	167	155	141	205	195	209	183	164
Diarrhoea .....	22	21	17	32	43	56	111	106	158	138	124	108	119
Typhus .....	52	58	61	52	64	57	54	55	70	62	74	77	81
Purpura .....	3	2	2	..	3	..	4	1	..	5	1	1	3
Mean Temperature .....	56°0	57°8	61°3	65°5	70°2	63°1	65°9	62°6	63°2	64°1	60°3	54°3	56°3

DEATHS from Purpura or from Scurvy in LONDON;—

DEATHS registered in LONDON, in corresponding series of weeks of eight years:—

No. of week.	31	32	33	34	35	36	37	Average of 7 weeks
1840	873	913	900	845	882	878	846	877
1841	783	825	800	769	812	893	901	826
1842	918	902	987	923	855	892	892	910
1843	841	826	820	867	934	905	940	877
1844	1026	946	944	948	810	927	855	922
1845	838	929	875	855	846	773	851	852
1846	1101	1150	982	917	894	899	959	986
Average of 7 yrs	911	927	901	875	862	881	892	893
1847	964	998	1108	1057	1084	1051	1040	1043

YEARS	Quarters of 13 weeks each, ending in				Total in the Year
	March	June	Sept.	Dec.	
1842	3	5	4	4	16
1843	2	1	6	4	13
1844	5	3	7	6	21
1845	2	4	11	8	25
1846	5	9	9	5	28
1847	16	25			

1	2	3	4
Specified Ages	Deaths registered last week in London	Deaths which would have been registered if the rate of mortality had been the same as in Dorsetshire, Sept. Quarters, 1838-44.	Excess of Mortality in London during the week
0-15	553	237	316
15-35	147	132	15
35-55	142	95	47
55 and upwards	193	150	43
All Ages	1040	614	426

The mortality of Wandsworth and Clapham, and that of Lewisham and sub-district of Hampstead, are included in this table throughout the eight years.

EXTRACTS FROM THE METROPOLITAN RETURNS OF THE PREVIOUS WEEK, No. 36.

(The tabular abstract on the first page is for the week ending Saturday, Sept. 11th. The following selection of cases is made from the returns for the week ending Sept. 4th.)

RETURNS OF VIOLENT DEATHS, MADE CHIEFLY BY CORONER.

Fractures and Contusions:—	duration	Fractures and Contusions (continued):—	duration	Drowning (continued):—	duration
Son of a bookseller, 4, an injury of the spine, producing tetanus, from a fall down stairs .....	28 hours	F. 6, daughter of a tinman, head crushed by the wheel of a brick cart .....	killed instantly	Labourer at an oil warehouse, 21, accidentally drowned while swimming.	
In University College Hospital, bricklayer, 24, accidentally struck on the head by a quoit .....	*	In University College Hospital, railway porter, 25, crushing of the abdomen by railway truck wheels, he being pulled down by a chain trace, while unhooking it .....	lived 4 hours	F. 18, a spinster, drowned by throwing herself from the deck of a steamboat, near the Southwark Bridge (being at the time of unsound mind).	
M. 84, a pauper, death caused by a fall from a window, but whether accidental or otherwise not known .....	*	In University College Hospital, daughter of a carpenter, 7, contusion of the knee, from being run over by a cart, in crossing the road, 11 days tetanus .....	2 days	Labourer, 57, accidentally drowned in the London Docks, by falling from a barge ..	*
In University College Hospital, daughter of a brass-finisher, 2, a fall on the head from falling down a flight of stairs, when at play ..	2 hours	F. 77, { fractured thigh .....	9 weeks	M. 22, a seaman, found dead, apparently drowned, without marks of violence.	
M. 50, { broken ribs .....	9 months	(no inquest) { sloughing .....	14 days	Waiter, 23, accidentally drowned in the River Thames, by attempting to leap, while intoxicated, from a dummy to a steam vessel ..	*
F. 6, injuries to the head by a fall down a flight of stairs .....	3 days	M. 77, { vertigo and declining health .....	1 year	M. 15, a sea apprentice, found dead, without marks of violence, apparently drowned....	*
Porter at the Blackwall Railway, 41, broken back, by being caught accidentally between a beam and a descending crane, while searching for a shilling .....	*	(no inquest) { fractured rib .....	3 weeks		
Daughter of a fish porter, 18 mon., concussion of the brain, from an accidental fall from a window—a height of 32 feet. died in a few minutes ..		Wounds:—		Burns and Scalds:—	
M. 20, paralysis from injury, received from a fall 6 years ..		In University College Hospital, F. 11 (post mort.), puncture of the foot, by stepping on a nail in the street, without a shoe on, when at play .....	5 days	F. 2, disease of the brain during teething, causing convulsions two days after a slight scalding with hot starch.	
In Guy's Hospital, labourer, 56, fracture of the 4th of the cervical vertebrae, and injury to the spinal cord, from being accidentally jammed between two heavy bags of wool, while loading a cart .....	survived 14 days	tetanus .....	4 days	Hanging and Suffocation:—	
In St. Thomas' Hospital, gardener, fracture of two of the vertebrae, and other injuries, by falling off a load of hay, at Woodford, Essex ..	6 weeks	Wife of a tobacco-pipe-maker, 41, suicide by a wound in the throat, made with a razor ..	*	Son of a labourer, 10 mon., accidental death by suffocation, from falling between a bed and a wooden partition .....	immediate
In St. Thomas' Hospital, labourer on the South Eastern Railway, 19, extensive injury of the left groin and abdomen, from the wheels of a railway carriage, laden with earth, going over him, he having accidentally fallen before them .....	1 hour	Inspector of prisons, 53, shooting into his mouth with a pistol (temporary insanity) .....	instant	Poison:—	
In University College Hospital, M. 10 mon., injuries on the head from being accidentally knocked down and run over by a street cab, when in the mother's arms, crossing the road, inst. death ..		Carpenter, 21, a wound in his neck, from a gun going off accidentally, as he was moving it upon a bank .....	instant	Stage manager of a theatre, 48, overdoses of laudanum and morphia, taken to allay pain, from disease of the bladder and kidneys ..	*
		Drowning:—		16½ grains of opium taken in the dose lived 33 hours	
		Gardener, 52, drowned and suffocated in the water of Lacey's Creek, Fulham—whether by accident or suicide unknown .....	*	Son of a tin-plate-worker, 3, rupture of the stomach from vomiting, after taking a powder for thrush, prescribed by a chemist .....	*
		F. 17, drowned from falling into water in a fit of epilepsy, having run away from her mother, who could not procure her a parish asylum as an idiot .....	*	Wife of a lighterman, 59, natural death—apoplexy, accelerated by laudanum taken by herself incautiously as medicine .....	*
		M. 16, drowned in the River Thames, whilst reaching a little boat from the water, with which he was at play—under water .....	2 days		

FIFTEEN HOSPITALS.—CAUSES OF DEATHS (NOT VIOLENT) AS RETURNED BY THE MEDICAL OFFICERS.

St. George's H.:—	duration	University College H.:—	duration	University College H. (continued):—	duration
M. 40, { enormous abscess in the liver .....	*	{ dysentery .....	28 days	M. 26, { albuminuria .....	*
(post mort.) { ulceration of the large bowel .....	*	F. 50, { extensive ulceration of the large intestines (post mort.) .....	*	(post mort.) { coma .....	2 days
M. 30, { enlargement and hypertrophy of the heart, with valvular disease .....	*	F. 46 (post mort.), typhus .....	5 days	{ kidneys granular—brain exsanguinated.	
(post mort.) { dropsy .....	*	{ albuminuria—nephritis .....	*	{ albuminuria—anasarca .....	*
F. 46, pulmonary consumption .....	*	M. 47, { anasarca .....	*	{ dysentery .....	13 days
		{ pulmonary congestion .....	*	M. 49, { fatty degeneration of kidneys .....	*
Westminster H.:—No deaths registered.		M. 9 (post mort.), meningitis from dentition ..	21 days	{ extensive ulceration and thickening of large intestines .....	*
Charing Cross H.:—No deaths registered.		M. 54, { diseased ankle joint .....	9 days	See Violent Deaths.	
Middlesex H.:—No deaths registered.		(post mort.) { dysentery .....	31 days	Fever H.:—No deaths registered.	

FIFTEEN HOSPITALS.—CAUSES OF DEATH (NOT VIOLENT) AS RETURNED BY THE MEDICAL OFFICERS (continued).—

Small Pox H.—	duration	St. Bartholomew's H. (continued).—	duration	St. Thomas' H.—See Violent Deaths.	duration
M. 3, {small pox—confluent unprotected—in hospital 4 days.		M. 27, inflammation of the liver	*	Guy's H. :—	
M. 22, {small pox—confluent unprotected.	11 days	M. 51, extensive disease of the lungs and liver	*	M. 19, typhus.	12 days
F. 6, {small pox—semi-confluent unprotected.	24 days	M. 12, softening of the bowels, with perforation	*	M. 2, croup.	8 days
hospital fever	10 days	M. 37, inflammation of the bowels	*	M. 46, deformed spine	*
King's College H. :—		M. 21, erysipelas of head and face	*	M. 40, malignant disease of kidney	*
M. 40, phthisis	9 months	M. 5, scarlet fever	*	M. 12, {fever. rupture of intestine	13 days
St. Bartholomew's H. :—		F. 28, phthisis	*	peritonitis	36 hours
M. 14, malignant disease of the bones of the pelvis	*	F. 33, erysipelas	*	M. 7, phthisis.	5 months
M. 29, disease of the spine	*	F. 20, scarlatina.	*	See Violent Deaths.	
M. 18, inflammation, ulceration, and perforation of the bowels	*	London H. :—		Royal Ordnance H. :—	
		{scarlatina	4 weeks	M. 27, debility	5 months
		M. 7, {abscess and sloughing of the sub-maxillary gland	3 weeks	Dreadnought H. :—No deaths registered.	
		albuminuria	18 days	Consumption H. :—No deaths registered.	
		M. 27, morbus Brightii.	2 months		

DEATHS BY SMALL POX, TYPHUS, ETC., SYPHILIS, MALFORMATION, HERNIA, DIABETES, STONE, CHILDBIRTH, DELIRIUM TREMENS, INTemperance, PRIVATION, WANT OF BREAST-MILK, PURPURA, HÆMORRHAGE, HÆMATEMESIS, ETC.

Small Pox :—	duration	Typhus, &c. (continued).—	duration	Typhus, &c. (continued).—	duration
NOTE.—It should be stated in all cases whether vaccination had been performed with effect.		HOLBORN; St. Andrew.		NEWINGTON; Trinity.	
F. 1, {variola	*	M. 37, {delirium tremens	*	M. 57, typhus.	1 week
{cynanche trachealis	5 days	F. 19, {fever	4 weeks	LAMBETH; Waterloo (2nd part).	
M. 23, confluent small pox after vaccination	10 days	{diarrhoea	10 days	M. 45, low fever.	*
F. 2, small pox—pneumonia	*	F. 43, {fever	4 weeks	CAMBERWELL; Camberwell.	
M. 7 mon., small pox.	*	{diarrhoea	2 weeks	F. 50, typhus	3 weeks
M. 13 mon., {variola	*	CLERKENWELL; Clerkenwell.		Peckham.	
{not vaccinated.	*	M. 21, {fever	5 weeks	M. 66, typhus.	3 weeks
F. 8 mon., {variola	8 days	{bronchitis	9 days	M. 26, fever	10 weeks
{not vaccinated.	*	St. James.		GREENWICH; Deptford.	
F. 10 mon., {small pox.	10 days	M. 77, gastric fever	*	M. 57, fever	14 days
{not vaccinated.	*	F. 12, {typhus, with cerebral congestion	18 days	M. 57, typhus, accelerated by fright.	*
F. 1, {small pox.	*	{fatal result, hastened by the fact of six persons living, sleeping, &c. in a room 8 feet square.	*	East.	
{without previous vaccination.	*	EAST LONDON; St. Botolph.		F. 27, fever.	21 days
F. 7 mon., {small pox	*	M. 8, fever	1 weeks	F. 1, fever	10 days
{vaccinated 2 months ago.	*	Cripplegate.		Syphilis :—	
F. 11 wks., {confluent small pox.	9 days	F. 17, typhus gravior	5 days	F. 42, {syphilitic lepra	*
{not vaccinated.	*	WEST LONDON; North.		{dementia	9 weeks
F. 2, {confluent small pox	8 days	M. 5, {typhus	15 days	F. 22, {syphilis	2 years
{vaccinated at 2 years old.	*	M. 42, adynamic fever	19 days	{marasmus	*
F. 10 mon., {small pox.	9 days	CITY OF LONDON; North East.		Malformation :—	
{pneumonia	1 day	M. 63, typhus.	*	F. 2 wks., spina bifida	2 weeks
M. 2, {small pox	*	South.		M. 10, cyanosis—hemioptysis—congenital.	4 hour
{not vaccinated.	*	F. 76, {low nervous fever	7 days	M. 4 mon., congenital malformation about the heart.	from birth
F. 4, {small pox	*	{brought on by excessive grief.	*	F. 4 mon., deficient nutrition, arising from congenital malformation.	*
{after vaccination.	*	SHOREDITCH; Hoxton New Town.		M. 5 days, spina bifida	*
F. 4, {small pox.	8 days	F. 63, {fever	8 days	F. 2 days, imperfect closing of the foramen ovale of the heart.	*
{never vaccinated.	*	{pleurisy.	6 days	F. 11 days, {bowel complaint	*
M. 1, {confluent small pox	10 days	St. Leonard.		{unable to take food from defective mouth.	*
{not vaccinated.	*	M. 45, fever with effusion.	15 days	F. 4 days, obstruction in the circulation.	*
M. 4, {small pox	21 days	Haggerstone, West.		Hernia :—	
{diarrhoea	7 days	M. 2, typhoid fever	*	F. 64, {p. m., inguinal, incarcerated hernia	*
{vaccinated without effect.	*	BETHNAL GREEN; The Green.		{not treated medically, being mistaken for simple vomiting.	*
M. under 1, small pox	8 days	F. 37, typhus	*	Diabetes :—No deaths registered from this cause.	
F. 7 mon., {small pox	*	The Church.		Stone :—No deaths registered from this cause.	
{without previous vaccination.	*	F. 9, typhus	14 days	Childbirth :—The time elapsing from commencement of labour to death should invariably be returned.	
M. 15 mon., small pox, natural	13 days	The Town.		F. 31, puerperal fever	15 days
F. 2, small pox, natural.	4 days	M. 4, typhus	4 days	F. 31, {puerperal fever	*
M. 3, {small pox	*	{pneumonia	*	{18 days after delivery.	*
{not vaccinated.	*	F. 18, {diseased liver	2 years	F. 22, childbirth.	*
See Return of Small Pox Hospital.		{typhus	3 weeks	F. 21, puerperal fever	*
Typhus, &c. :—		F. 19, typhus.	2 weeks	F. 21, puerperal fever	*
KENSINGTON; Fulham.		Hackney-road.		F. 33, {post mort.) tabes mesenterica—phthisis	*
M. 56, fever	2 days	F. 8, {muco-enteritis	4 weeks	{pregnancy—delivery—exhaustion	*
F. 37, fever	2 weeks	{typhus	1 week	Delirium Tremens :—	
St. Pauls, Hammersmith.		WHITECHAPEL; Mile End, New Town.		M. 44, delirium tremens	3 days
M. 25, typhus.	16 days	F. 32, bilious fever.	*	M. 48, delirium tremens	*
F. 48, typhus.	12 days	North.		Intemperance :—	
St. GEORGE, Hanover-square.		M. 17, typhus.	*	F. 64 (inquest), inflammation of the membranes of the brain, produced by drinking intoxicating liquors	*
M. 68, typhoid fever	*	F. 42, brain fever	*	Privation and Neglect :—	
M. 25, {phthisis	*	F. 36, typhus	*	M. 6 (inquest), natural death; dysentery caused from the want of sufficient wholesome food	*
{typhus.	*	Goodman's Fields.		F. 9 (inquest), natural death; dysentery caused from the want of sufficient wholesome food	*
WESTMINSTER; St. Margaret.		M. 6, {febris	*	Want of Breast-milk :—	
F. 75, typhus	4 days	{diarrhoea	*	M. 5 weeks, atrophy from want of breast-milk	*
St. James.		M. 4, continued fever	*	M. 3 weeks, inanition	*
F. 16, typhus	*	St. GEORGE IN THE EAST; St. Paul.		Purpura :—	
St. MARLEBONE; The Rectory.		F. 84, typhus	*	F. 1, {disease of the bowels.	5 weeks
F. 78, typhus	*	St. Mary.		{purpura	*
St. Mary.		F. 51, fever.	11 days	Hæmorrhage :—	
M. 42, typhoid pneumonia	10 days	F. 45, diarrhoea consequent on fever	*	M. 64 {hæmorrhage from the bowels	*
Christ Church.		F. 24, fever, inducing premature labour, and terminating in typhus.	*	{p. m.) {enlarged spleen.	*
F. 45, gastric fever.	32 days	STEPPNEY; Mile End, Old Town (Upper).		M. 38 (inquest), natural death; sudden, from the rupture of a blood-vessel in the lungs.	*
St. John.		M. 28, {synocha	12 days	Hæmatemesis :—	
F. 71, {angina pectoris	*	{meningitis	2 days	M. 62, melæna	11 weeks
{convulsions and fever	4 days	F. 76, natural decay—fever	2 months	F. 43, {gastrodynia	many years
EDMONTON; Hampstead.		Mile End, Old Town (Lower).		{hæmatemesis—melæna	*
F. 82, {chronic bronchitis	20 years	M. 58, typhus.	*	F. 72, {melæna	3 months
{fever	10 days	M. 25, fever—phrenitis.	5 days	{diarrhoea	*
St. PANCRAS; Tottenham.		St. SAVIOUR; Christchurch.		Miscellaneous Causes :—	
F. 4, typhus	14 days	F. 68, fever.	10 days	M. 52, {stricture of urethra	several years
Somers Town.		St. OLAVE; St. Olave and St. Thomas.		{urinary abscess and mortification	7 days
M. 30, brain fever.	3 days	M. 40, synochus.	7 days	F. 48, {ileus	43 hours
Regent's Park.		SOUTHWARD; Kent-road.		(post mort.) {extensive adhesion of pleura.	*
M. 49, peritonitis, with typhoid symptoms	7 days	F. 36, fever.	*	F. 53, scirrhus uteri, with left ovarian cyst	2 years
M. 72, dysentery—typhus	1 month	Borough-road.		{dysentery	4 weeks
Kentish Town.		F. 2, fever and teething.	*	{rupture of an aneurismal tumour of a branch of the mesenteric artery—escape of three pints of blood into peritoneal cavity died in 1 an hr.	*
M. 57, typhus	14 days	London Road.			
ISLINGTON; East.		M. 61, typhus.	*		
M. 10, fever.	*				
F. 54, low fever.	5 days				
HACKNEY; Hackney.					
M. 15, fever	4 weeks				
St. GILES; South.					
F. 33, fever	9 days				
F. 42, fever	5 days				
F. 64, typhus	6 days				
F. 27, typhus	5 days				
F. 77, typhus.	5 days				
North.					
M. 16, typhus.	11 days				

ANALYSIS OF CASES IN WHICH INQUESTS WERE HELD.—Violence, 34; apoplexy, 3; disease of the heart, 3; consumption, 4; privation, 2; intemperance, 1; other specified causes, 11; "natural death," "visitation of God," "found dead," &c., 12.—TOTAL, 70 cases.

THE NUMBER OF CASES in which it is recorded that a POST MORTEM EXAMINATION was made, is 22.

# METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, During the Week ending Saturday, 11th September, 1847.

Day.	Phases of the Moon	Mean height of the Barometer, from 12 Observations, (corrected and reduced to 32 degrees Fahrenheit.)	Readings of Thermometers								Difference between the Dew Point Temperature and Air Temperature			Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 25 years	WIND						Mean Amount of Cloud, 0-10	Rain in inches, read at 9 o'clock the next morning																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
			Dry			Dew Point	Highest in the sun, as shown by a self-register- ing Thermometer	Lowest on the grass, as shown by a self-register- ing Thermometer	In the Water of the Thames at Greenwich, by the self- registering Thermometer, read at 9 o'clock next morning		Mean of 12 Days Diff.	Greatest	Least		General Direction		Pressure in lbs. on the square foot		Amount of Horizontal Movement of the Air in each day																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
			High- est from 12 Obs.	Low- est from 12 Obs.	Mean from 12 Obs.	Mean			Highest	Lowest					A.M.	P.M.	Greatest	Least		Mean of 12 Obs.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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DAY	ELECTRICITY	Circumstances accompanying the exhibition of Electricity	GENERAL REMARKS
SUN.	Nothing was shewn at any examination during the day.		The sky was one-half covered during the day with cumuli, cumulostrati, and cirrostratus. A fog prevailed during the evening.
MON.	Nothing was shewn till 9h. a.m. Positive with moderate tension from 9h. a.m. till 4h. p.m. Negative and very active at 6h. p.m., with frequent sparks, and galvanic currents. Positive with tension strong during the remainder of the day.	A squall of rain.	Three-fourths of the sky were covered throughout the day with cumulostrati, cirrostratus, and scud. At 6h. p.m. a squall of rain occurred.
TUES.	Positive with moderate tension till 3h. a.m. Nothing was shewn afterwards.		The sky was generally clear till 9h. a.m., about one-half covered till 2h. p.m., and overcast afterwards till midnight. Cirrostratus and scud were the prevailing clouds. Rain was falling at intervals during the evening.
WED.	Nothing was shewn till 10h. 40m., when it was negative and active. Positive with weak tension during the remainder of the day.	Lightning with distant thunder.	Generally overcast till 9h. p.m.; the amount of cloud was variable afterwards till midnight. Cumuli, cumulostrati, and scud were the prevailing clouds. At 9h. a.m. a great gloom prevailed. Lightning, with distant thunder, were heard between 10h. 40m. and 11h. a.m.
THURS.	Positive and tension strong from 4h. to 6h. p.m. Nothing was shewn at any other time.		The greater part of the sky was free from cloud till 6h. a.m., generally covered till 6h. p.m., about one-half covered at 8h. p.m., and nearly cloudless afterwards till midnight. Cirrostratus and scud were the prevailing clouds.
FRID.	Nothing was shewn till 2h. p.m. Positive with moderate tension during the remainder of the day, except at midnight, when nothing was shewn.		The amount of cloud was variable till 6h. a.m., and nearly overcast afterwards till noon. During the remainder of the day the sky was generally clear. Cumuli, cirri, and light fleecy clouds were the class prevalent.
SAT.	Nothing was shewn till 9h. a.m. Positive with variable tension during the remainder of the day.		Overcast till 7h. a.m., and clear till 4h. p.m. The amount of cloud during the remainder of the day was variable in amount. Cirrostratus and scud were the prevailing clouds.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The amount of clouds is estimated by considering a clear sky to be represented by 0, a cloudy sky by 10; and when partially cloudy by estimating the number of tenths of the whole sky covered with cloud. The observations are taken every two hours, day and night.

The readings of the two self-registering thermometers, the one placed in the full rays of the sun, and the other placed on grass fully exposed to the sky, are taken every morning at 9 A.M., and therefore exhibit the highest and lowest readings respectively, that have occurred in the previous 24 hours. They are, however, placed here opposite to the civil day which precedes that on which the thermometers are read. On Saturday the thermometer on grass was not exposed to the sky through inadvertence.

Whewell's anemometer (from the indications of which the estimation of horizontal movement is made) is read at 10 A.M., and the result given is for the 24 hours preceding. It is placed here opposite to the civil day, which precedes that on which the anemometer is read.

The average temperature for 25 years is furnished by Mr. Henry, Assistant at the Royal Observatory, from the observations made at his residence in the neighbourhood of Greenwich Park.

\* In reading the 16th column, it will be borne in mind that + is read "higher," and - "lower," than the average.

The temperature of the water of the Thames is ascertained by the use of a self-registering thermometer, suspended from the side of the Dreadnought Hospital Ship, at the depth of about 2 feet below the surface. The readings of this instrument are registered under the superintendence of Lieutenant Sanders, R.N., Superintendent of the Dreadnought. The mean reading of a thermometer placed on the mainmast, and read each day at 6h. 30m. A.M., was 49.0; and the mean reading at 7h. 30m. P.M., was 57.3; the mean readings at the Royal Observatory for the same times were 49.8 and 58.4 respectively.

† The mean direction of the wind for the week is W.S.W.

# Births and Deaths registered in London,

During the Week ending Saturday, September 18th, 1847.

ANNUAL SERIES VIII.]

PUBLISHED BY AUTHORITY OF THE REGISTRAR GENERAL.

[No. 38.]

Causes of Death	Age			Total	Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population 5 Summers	Causes of Death.	Age			Total	Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population 5 Summers
	0 to 15	15 to 60	60 and upwards				0 to 15	15 to 60	60 and upwards		
<b>ALL CAUSES.....</b>	549	417	202	*1169	940	<b>IV.—Laryngitis .....</b>	3	2	..	5	1
<b>SPECIFIED CAUSES.....</b>	547	417	202	*1167	935	Quinsey .....	..	..	..	..	2
<b>I.—Zymotic Diseases .....</b>	256	84	42	*383	226	Bronchitis .....	8	10	13	31	12
<b>SPORADIC DISEASES—</b>						Pleurisy .....	..	..	1	1	2
<b>II.—Dropsy, Cancer, and other Diseases of uncertain or variable Seat .....</b>	73	38	21	132	103	Pneumonia .....	29	3	4	36	46
<b>III.—Diseases of the Brain, Spinal Marrow, Nerves and Senses ..</b>	86	48	20	154	157	Hydrothorax .....	1	..	1	2	3
<b>IV.—Diseases of the Lungs, and of the other Organs of Respiration ..</b>	59	133	29	221	226	Asthma .....	..	6	5	11	8
<b>V.—Diseases of the Heart and Blood-vessels .....</b>	4	17	8	29	25	Phthisis (or Consump- tion) .....	15	108	4	127	142
<b>VI.—Diseases of the Stomach, Liver, and other Organs of Digestion ..</b>	52	36	18	106	94	Disease of Lungs, &c.....	3	4	1	8	11
<b>VII.—Diseases of the Kidneys, &amp;c.....</b>	..	8	4	12	8	<b>V.—Pericarditis.....</b>	..	..	1	1	1
<b>VIII.—Childbirth, Diseases of the Uterus, &amp;c. ....</b>	..	14	..	14	10	Aneurism .....	..	1	..	1	.8
<b>IX.—Rheumatism, Diseases of the Bones, Joints, &amp;c.....</b>	4	8	..	12	7	Disease of Heart, &c. ....	4	16	7	27	23
<b>X.—Diseases of the Skin, Cellular Tissue, &amp;c. ....</b>	1	..	2	3	2	<b>VI.—Teething.....</b>	15	..	..	15	19
<b>XI.—Old Age .....</b>	..	..	52	52	50	Gastritis .....	..	1	2	3	24
<b>XII.—Violence, Privation, Cold and Intemperance .....</b>	12	31	6	49	28	Enteritis .....	9	6	1	16	2
<b>I.—Small Pox .....</b>	21	4	..	25	14	Peritonitis .....	..	4	2	6	2
Measles .....	44	..	..	44	28	Tabes Mesenterica.....	22	..	..	22	15
Scarlatina .....	32	..	..	32	39	Worms .....	..	..	..	..	.6
Whooping Cough .....	27	..	..	27	23	Ascites .....	..	1	..	1	2
Croup .....	4	..	..	4	6	Ulceration (of Intestines, &c.) .....	2	3	..	5	3
Thrush .....	6	..	..	6	9	Hernia .....	..	..	1	1	2
Diarrhoea .....	70	8	17	95	55	Colic or Ileus .....	..	1	3	4	3
Dysentery .....	7	6	3	16	6	Intussusception .....	..	..	..	..	.5
Cholera .....	4	..	2	6	7	Stricture (of the Intestinal Canal) .....	..	..	..	..	.6
Influenza .....	..	1	..	1	.8	Hæmatemesis.....	..	1	1	2	.9
Ague .....	..	..	1	1	.3	Disease of Stomach, &c. ..	1	..	3	4	7
Remittent Fever.....	1	..	..	1	.7	Disease of Pancreas .....	..	..	..	..	..
Typhus .....	36	57	18	111	30	Hepatitis .....	..	7	1	8	3
Erysipelas .....	2	8	1	11	5	Jaundice .....	3	3	1	7	3
Syphilis .....	2	..	..	2	1	Disease of Liver, &c. ....	..	9	3	12	10
Hydrophobia .....	..	..	..	..	..	Disease of Spleen.....	..	..	..	..	.2
<b>II.—Hæmorrhage .....</b>	1	1	1	3	3	<b>VII.—Nephritis.....</b>	..	..	..	..	.4
Dropsy .....	1	13	8	22	23	Ischuria .....	..	..	..	..	..
Abscess .....	2	1	..	3	2	Diabetes .....	..	..	..	..	.6
Noma .....	..	1	..	1	.2	Cystitis .....	..	..	1	1	.3
Mortification .....	..	2	2	4	3	Stone .....	..	..	..	..	.6
Purpura .....	1	..	..	1	.6	Stricture (of the Urethra) ..	..	..	1	1	1
Scrofula .....	2	3	..	5	4	Disease of Kidneys, &c. ..	..	8	2	10	5
Cancer .....	..	9	4	13	12	<b>VIII.—Childbirth .....</b>	..	12	..	12	6
Tumour .....	..	..	..	..	.9	Paramenia .....	..	..	..	..	.3
Gout .....	..	..	..	..	.9	Ovarian Dropsy .....	..	..	..	..	.5
Atrophy .....	39	3	..	42	20	Disease of Uterus, &c. ....	..	2	..	2	3
Debility .....	15	3	..	18	22	<b>IX.—Arthritis .....</b>	..	..	..	..	..
Malformations .....	6	..	..	6	2	Rheumatism .....	..	4	..	4	3
Sudden Deaths (including Coroners' Inquests, in which it is not shewn from what diseases or causes the persons died.)	6	2	6	14	9	Disease of Joints, &c. ....	4	4	..	8	4
<b>III.—Cephalitis .....</b>	12	2	..	14	13	<b>X.—Carbuncle .....</b>	..	..	..	..	.5
Hydrocephalus .....	32	1	..	33	37	Phlegmon .....	..	..	..	..	.2
Apoplexy .....	1	14	9	24	18	Ulcer .....	..	..	2	2	.4
Paralysis .....	..	7	6	13	15	Fistula .....	..	..	..	..	.3
Convulsions.....	38	..	..	38	54	Disease of Skin, &c.....	1	..	..	1	.6
Tetanus .....	..	..	..	..	.4	<b>XI.—Old Age .....</b>	..	..	52	52	50
Chorea .....	..	1	..	1	.1	<b>XII.—Intemperance .....</b>	..	3	..	3	1
Epilepsy .....	..	5	1	6	5	Privation.....	..	..	..	..	.4
Insanity .....	..	6	1	7	1	Violent Deaths .....	12	28	6	46	27
Delirium Tremens.....	..	6	1	7	3	<b>Causes not Specified.....</b>	2	..	..	2	5
Disease of Brain, &c. ....	3	6	2	11	10						

Weekly Average derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population

Males ..... 479  
Females ..... 461  
Total 940

Deaths registered in the Week

Males ..... 595  
Females ..... 574  
Total.. 1169

Births registered in the Week

Males ..... 594  
Females ..... 568  
Total.. 1162

\* The age of a female, who died of *thrush*, is not stated.

DISTRICTS OF LONDON,  
Comprising 135 Registrars' Districts.

	Area in square Miles	Population Enume- rated in 1841	Weekly Average derived from Deaths of 1842-6, and corrected for increase of Population 5 Summers	DEATHS registered in the Week	BIRTHS registered in the Week
WEST DISTRICTS { Kensington; Chelsea; St. George, Hanover-square; Westminster; St. Martin } in the Fields; St. James	17.2	301,326	137	149	152
NORTH DISTRICTS { St. Marylebone; St. Pancras; Islington; Hackney; part of Edmonton, viz. Hampstead	20.5	376,396	175	208	244
CENTRAL DISTRICTS { St. Giles and St. George; Strand; Holborn; Clerkenwell; St. Luke; East } London; West London; City of London	2.8	374,759	173	211	204
EAST DISTRICTS { Shoreditch; Bethnal Green; Whitechapel; St. George in the East; Stepney; } Poplar	8.8	393,247	212	290	240
SOUTH DISTRICTS { St. Saviour; St. Olave; Bermondsey; St. George, Southwark; Newington; Lambeth; } Wandsworth and Clapham; Camberwell; Rotherhithe; Greenwich; Lewisham	66.2	502,483	244	311	322
TOTALS	115.5	1,948,211	940	1169	1162

Births and Deaths not caused by Violence, registered in the Metropolis in the last 13 weeks, with the Mean Temperature for the same periods.

	26th June	3rd July	10th July	17th July	24th July	31st July	7th Aug.	14th Aug.	21st Aug.	28th Aug.	4th Sept.	11th Sept.	18th Sept.
BIRTHS	1355	1277	1199	1182	1210	1324	1240	1232	1223	1222	1295	1277	1162
DEATHS (except from Violence)	893	865	861	925	877	933	944	1080	1046	1059	1014	1012	1123
Deaths (except from Violence) at 60 yrs. & upwards	182	178	173	178	167	155	141	205	195	209	183	164	196
Diarrhoea	21	17	32	43	56	111	106	158	138	124	108	119	95
Typhus	58	61	52	64	57	54	55	70	62	74	77	81	111
Purpura	2	2	..	3	..	4	1	..	5	1	1	3	1
Mean Temperature	57.8	61.3	65.5	70.2	63.1	65.9	62.6	63.2	64.1	60.3	54.3	56.3	54.1

DEATHS from Purpura or from Scoury in LONDON;—

YEARS	Quarters of 13 weeks each, ending in				Total in the Year
	March	June	Sept.	Dec.	
1842	3	5	4	4	16
1843	2	1	6	4	13
1844	5	3	7	6	21
1845	2	4	11	8	25
1846	5	9	9	5	28
1847	16	25			

DEATHS registered in LONDON, in corresponding series of weeks of eight years:—

No. of week.	32	33	34	35	36	37	38	Average of 7 weeks
1840	913	900	845	882	878	846	863	875
1841	826	800	769	812	893	901	881	840
1842	902	987	923	855	892	892	794	892
1843	826	820	867	934	905	940	1008	900
1844	946	944	948	810	927	855	869	899
1845	929	875	855	846	773	851	785	845
1846	1150	982	917	894	899	959	878	954
Average of 7 yrs	927	901	875	862	881	892	868	887
1847	998	1108	1057	1084	1051	1040	1169	1072

The mortality of Wandsworth and Clapham, and that of Lewisham and sub-district of Hampstead, are included in this table throughout the eight years.

1	2	3	4
Specified Ages	Deaths registered last week in London	Deaths which would have been registered if the rate of mortality had been the same as in Dorsetshire, Sept. Quarters, 1838-44.	Excess of Mortality in London during the week
0-15	549	237	312
15-35	177	132	45
35-55	184	95	89
55 and upwards	253	150	103
All Ages	1169	614	555

EXTRACTS FROM THE METROPOLITAN RETURNS OF THE PREVIOUS WEEK, No. 37.

(The tabular abstract on the first page is for the week ending Saturday, Sept. 18th. The following selection of cases is made from the returns for the week ending Sept. 11th.)

RETURNS OF VIOLENT DEATHS, MADE CHIEFLY BY CORONER.

NOTE.—The cases of violence not returned by the Coroner, have the words "no inquest."

Fractures and Contusions:—	duration	Fractures and Contusions (continued):—	duration	Drowning:—	duration
Labourer, age not known, fracture of the skull—fell from a scaffold in Drury Lane when at work	instant	Son of a brass-finisher, 2, injuries to his belly by being run over by a cart, as he was crossing Southwark Bridge Road	an hour	Labourer, 46 (post mort.), found dead in the River Thames, without marks of violence—no evidence how he became drowned	*
In Charing Cross Hospital, carpenter, 47, fracture of the base of the skull—fell on the stage from the flies of the scenery at the Italian Opera House, Haymarket, when at work	2 hours	Cab-driver, 30, rupture of a bloodvessel of the dura mater, resulting from a fall from a cab accidentally	9 hours	F. 29, a servant, found dead without marks of violence, apparently drowned	*
M. 36 (post mort.—no inquest), fractured spine	*	In St. Bartholomew's Hospital, widow, 76, fracture of the thigh bone, from being accidentally thrown down by a cart when crossing a street	*	M. 31, found drowned—how he came into the water unknown	*
M. 7, inflammation of the bowels, brought on by a kick received from a schoolfellow	*	Son of a boat-maker, 2, natural death—run over by a truck 10 days previously	*	M. 18, drowned by falling out of a steamboat into the River Thames—under water	4 days
Son of a shoemaker, 9, contusions on the arm and body, being struck accidentally by a swing	*	F. 34, injuries to her head, caused by being thrown out of a gig accidentally	*	F. 18, found dead in the waters of the Regents Canal, without marks of violence—missing 2 days	*
Wife of a bricklayer, 52, hæmorrhage—rupture of bloodvessels of the stomach, the effect of blows given by her husband	4 days	M. 37, paralysis of the bladder, by a fall from a cart	1 week	Son of a printer, 7, accidentally drowned by falling out of a boat into the River Thames, when at play	7 days
Daughter of a grocer, 8, compound fracture of the left arm, by falling from a wall accidentally	4 days	Wounds:—		Burns and Scalds:—	
F. 35, fracture of the skull and concussion of the brain, by throwing herself from an upper window (temporary insanity)	*	In Westminster Hospital, gun case maker, 38, (post mort.), suffocation from inflammation of the epiglottis and trachea, after laceration of the tongue and broken jaw, caused by the discharge of a pistol (loaded with powder) into the mouth (no evidence whether with suicidal intent)	2 days	M. 2, { burn ..... 2 days { convulsions ..... 9 hours	
Son of a warehouseman, 6, run over accidentally by a cabriolet—death immediate, from a fracture of the skull	*	M. 63, { diseased antrum, from injury ..... 12 months { hæmorrhage ..... *		Hanging and Suffocation:—	
Son of a greengrocer, 3, accidentally killed by the wheel of a cart passing over his body ½ of an hour	½ of an hour	NOTE.—It should be stated in all cases how injury was caused.		Son of a barber, infant, suffocated in night-soil immediately after birth, and so wilfully murdered by his mother (illegitimate)	*

FIFTEEN HOSPITALS.—CAUSES OF DEATHS (NOT VIOLENT) AS RETURNED BY THE MEDICAL OFFICERS.

NOTE.—Deaths in hospitals from fractures, wounds, burns, scalds, poison, are not contained in this list. See deaths by violence.

St. George's H.:—	duration	Charing Cross H.:—	duration	University College H. (continued):—	duration
F. 26, { cirrhosis ..... *		F. 39, { strangulation of a portion of the ..... *		M. 35, { stricture of urethra ..... *	
(post mort.) { ascites ..... *		(post mort.) { small intestines ..... *		(post mort.) { fistula in perinæo ..... *	
		(post mort.) { operation on July 15th) ..... *		(post mort.) { dysentery ..... 14 days	
		(post mort.) { inanition ..... *		(post mort.) { ulceration and thickening of the colon	
		See Violent Deaths.			
Westminster H.:—		Middlesex H.:—		Fever H.:—	
M. 25 (inquest—post mort.), rupture of aneurism of the aorta	instant	M. 54, cancerum linguæ ..... 3 months		M. 30, { fever ..... *	
M. 24, { congestion of the brain ..... *		F. 57, epileptic fits ..... *		(post mort.) { in hospital 18 days	
M. 24, { diseased kidneys, and abscess of the prostate gland ..... *		F. 40, diseased heart ..... 18 months			
		University College H.:—		Small Pox H.:—	
		M. 37, { large serous cyst of liver ..... *		F. 3, { small pox, confluent, with diarrhoea ..... 15 days	
		(post mort.) { jaundice ..... *		(post mort.) { said to have been vaccinated—no cicatrix	
				King's College H.:—No deaths registered.	

**FIFTEEN HOSPITALS.—CAUSES OF DEATH (NOT VIOLENT) AS RETURNED BY THE MEDICAL OFFICERS (continued).—**

St. Bartholomew's H.:		duration	St. Thomas' H.:		duration	Royal Ordnance H.:		duration
M. 50, erysipelas		*	F. 23, { bronchitis, chronic		*	M. 38, phthisis		4 months
M. 25, convulsions		*	M. 24, phthisis		14 days	Dreadnought II.:		
M. 42, dropsy		*	M. 56 (post mort.), enlarged and hardened liver		7 months	M. 28, { syphilitic eruption—rupia		10 weeks
M. 45, inflammation of the bowels		*	M. 40, { pneumonia		9 days	(post mort.) { erysipelas		9 days
M. 28, erysipelas		*	M. 40, { morbus Brightii		*	(post mort.) { pneumonia and diarrhoea		9 days
F. 36, phthisis		*			*	(post mort.) { hepatised lungs, and ulceration of the large intestines		*
See Violent Deaths.			Guy's H.:			M. 23, { internal strangulation—the stricture extending from the rectum to the root of the mesentery, including within it nearly 6 feet of small intestine		ill 27 hours
London H.:			M. 18, empyema		3 months	Consumption II.:		
M. 63, { morbus Brightii		4 months	M. 39, { stricture		*	M. 41 (post mort.), phthisis		4 years
M. 63, { anasarca		6 weeks	(post mort.) { phlebitis		3 weeks	F. 24, phthisis		8 months
M. 57, { diseased liver		12 months	M. 28, { cirrhosis		11 weeks			
M. 57, { anasarca		5 months	(post mort.) { ascites		8 weeks			
M. 65, { chronic hepatitis		12 months	M. 34, { diseased aortic valves		*			
M. 65, { diarrhoea		2 weeks	(post mort.) { anasarca		8 weeks			
M. 19, brought from a West India ship in a dying state, suffering from general dropsy and bad sores (in hospital 36 hours)		ill 14 weeks	M. 60 (post mort.), fever		25 days			
DEATHS BY SMALL POX, TYPHUS, ETC., SYPHILIS, MALFORMATION, HERNIA, DIABETES, STONE, CHILDBIRTH, DELIRIUM TREMENS, INTemperance, PRIVATION, WANT OF BREASTMILK, PURPURA, HÆMORRHAGE, ILEMATEMESIS, ETC.								
Small Pox.:		duration	Typhus, &c. (continued).:		duration	Typhus, &c. (continued).:		duration
NOTE.—It should be stated in all cases whether vaccination had been performed with effect.								
M. 6, variola		15 days	SHOREDITCH; Hoxton New Town.			WANDSWORTH AND CLAPHAM; Clapham.		
F. 6, small pox		2 weeks	F. 24, fever—inflammation of the lungs and mucous coat of the bowels		15 days	F. 15, continued fever		19 days
M. 39, { small pox, semi-confluent		30 days	Hoxton Old Town.			LEWISHAM; Eltham.		
M. 39, { fever and diarrhoea		16 days	F. 28, typhus mitior		14 days	M. 50, coma—typhus		*
M. 1, variola—convulsions		*	Holywell and Moorfields.			See Hospital Returns.		
F. 1, { measles—diarrhoea		14 days	F. 34, { debility		3 months	Syphilis.:		
F. 1, { small pox, with gangrene, after vaccination 1 week		4 days	{ typhus		3 days	F. 5 mon, secondary syphilis		since birth
F. 4, { small pox		4 days	St. Leonard.			F. 46, { syphilis		long standing
F. 4, { vaccinated about 3 years ago		10 days	F. 3, { fever		4 days	{ ulcers		18 months
M. 10, { typhoid fever		3 days	{ inflammation		2 days	{ extensive cutaneous disease and struma		*
M. 4, { small pox 5 weeks after vaccination		1 week	BETHNAL GREEN; The Church.			M. 3 wks, { syphilitic lepra		3 weeks
M. 8 mo, confluent small pox		9 days	M. 2, { typhus		7 days	{ convulsions		4 hours
F. 1, { confluent small pox		9 days	F. under 1, fever—diarrhoea		2 months	See Hospital Returns.		
F. 1, { vaccinated 25th August		14 days	Hackney-road.			Malformation.:		
F. 5, natural small pox		8 days	M. 2, typhus		10 days	F. under 1, cyanosis		28 hours
F. 1, { not vaccinated		8 days	M. 31, malignant typhus		14 days	F. 10 mon, spina bifida		*
See Return of Small Pox Hospital.			F. 35, typhus		5 days	M. 5 mon, { congenital deformity of palate		*
Typhus, &c.:			F. 32, malignant typhus		10 days	M. 7 days, malformation of the organs within the chest		*
KENSINGTON; Paddington.			WHITECHAPEL; Mile End, New Town.			F. 39 hours, asphyxia, from imperfect action of the heart		*
F. 33, febris		*	F. 14, typhus		4 weeks	M. 3 days, cyanosis		*
Fulham.			North District.			M. 9 (p.m.), { congenital defect of mitral valves of the heart, and old adhesions of pleura		3 months
M. 9 mon, fever—marasmus		3 weeks	M. 42, typhus		6 days	{ morbus Brightii—anasarca		3 months
Kensington Town.			M. 58, typhus		*	acute bronchitis		3 weeks
M. 54, nervous fever		*	M. 16, { typhus		*	M. 18 days, spina bifida		*
CHelsea; South.			{ hepatitis		*	Hernia.:No deaths registered from this cause.		
F. 55, typhoid pneumonia		15 days	F. 17, typhus		*	Diabetes.:		
St. GEORGE, Hanover-square, Belgrave.			Goodmans Fields.			M. 44 (p.m.), { phthisis		*
F. 34, typhus		*	F. 17 mon, febris		*	F. 45, diabetes		many years
WESTMINSTER; St. Margaret.			St. GEORGE IN THE EAST; St. John.			M. 10 wks. (post mort.), marasmus—diabetes		2 years
M. 31, fever		12 days	M. 35, fever		*	M. 32, { diabetes		4 months
M. 35, fever		1 week	M. 14, fever		*	F. 34, diabetes		*
F. 17, continued fever		3 weeks	STEPNEY; Limehouse.			Stone.:		
Christ Church.			F. 17, { fever		13 days	M. 82, stone—diseased bladder		*
M. 38, typhus		21 days	{ epistaxis		3 hours	Childbirth.:The time elapsing from commencement of labour to death should invariably be returned.		
St. John.			Mile End, Old Town.			F. 39, { childbirth		7 days
M. 5, fever		2 weeks	M. 5, { typhoid fever		16 days	{ low fever		3 days
F. 70, bronchitis—fever		10 days	{ congestion of brain		4 days	F. 39, { childbirth		15 days
EDMONTON; Hampstead.			{ convulsions		*	{ dysentery		7 days
M. 38, fever		10 days	POPLAR; Poplar.			{ fever		6 days
F. 51, { diseased heart (fatty degeneration)		*	M. 31, { bilious fever		1 week	F. 38, { childbirth		7 hours
(p.m.) { death hastened by an attack of fever, 5 days		*	M. 43, typhus		11 days	child born dead		
St. PANCRAS; Camden Town.			F. 28, { fever		1 month	Delirium Tremens.:		
M. 14, fever		11 days	{ pneumonia		2 days	M. 29, { delirium tremens		5 days
ISLINGTON; East.			Bow and Bromley.			M. 37, delirium tremens		6 months
F. 43, typhus		10 days	M. 24, typhus		3 weeks	M. 39, delirium tremens		*
F. 2, fever		14 days	St. SAVIOUR; St. Saviour.			Intemperance.:		
St. GILES; North.			F. 19, { typhus		6 days	A pauper, F. 32 (inquest), natural death, caused by exposure and intemperance		*
F. 2, fever		1 week	{ abortion		*	F. 58 (inquest), found dead, having apparently died from excessive drinking.		*
St. GEORGE, Bloomsbury.			F. 8, { purpura hæmorrhagica		10 days	Privation.:No deaths registered from this cause.		
F. 85, { diarrhoea		10 days	{ fever		7 days	Want of Breast-milk.:		
{ typhus		8 days	{ bronchitis		7 days	F. 11 days, exhaustion and wasting (want of breast-milk)		*
STRAND; St. Mary.			Christchurch.			M. 8 wks, diarrhoea (want of breast-milk from birth)		*
M. 21, { pericarditis and extensive valvular disease of the heart		*	F. 19, fever		1 week	F. 5 wks, atrophy from want of breast-milk		*
{ typhus		10 days	F. 73, old age—fever		3 weeks	M. 3 mon, atrophy from want of breast-milk		*
F. 60, typhus		3 weeks	F. 60, low typhus		*	F. 4 mon, marasmus—want of breast-milk		*
HOLBORN; St. George and St. Andrew.			St. OLAVE; St. Olave and St. Thomas.			F. 5 days, born at eight months—very low vitality—took no food after the first day—want of vital power, and inanition from want of nourishment.		*
M. under 1, fever		4 days	F. 48, synchosis		4 weeks	M. 13 days, inanition		*
St. Andrew, East.			BERMONDSEY; The Leather Market.			Purpura.:		
M. 22, fever with abscess		12 days	SOUTHWARK; Borough Road.			F. 21, purpura (after typhus fever)		5 days
M. —, fever		3 weeks	F. 4, { typhus		8 days	F. 6 mon, diarrhoea—purpura		*
CLERKENWELL; St. James.			{ peritonitis		3 days	F. 12 mon, purpura		*
F. 4, gastric fever		*	NEWINGTON; St. Mary.			See Typhus.		
St. LUKE; Finsbury.			M. 2, continued fever		2 months	Hæmorrhage.:		
F. 4, { fever		*	St. Peter, Walworth.			M. 57, rupture of a vessel about the heart		*
{ pneumonia—diarrhoea		*	M. 5, fever		*	M. 49, rupture of blood vessel		3 months
Whitecross-street.			F. 7, fever		10 days	F. 28, internal hæmorrhage into abdomen		12 hours
M. 3, fever—bronchitis		*	Trinity.			Hæmatemesis.:No deaths registered from this cause.		
City-road.			F. 62, fever		7 days	Miscellaneous Causes.:		
M. 23, pneumonia—typhus		17 days	LAMBETH; Waterloo (1st part).			F. 65, { dyspepsia—cancer of womb		4 years
EAST LONDON; St. Botolph.			F. 4, { measles		15 days	(post mort.) { diseased kidney		1 year
F. 23, { fever		6 weeks	{ typhus		6 days	{ suppression of urine		5 days
{ pneumonia		7 days	Waterloo (2nd part).			{ chronic ulceration of the stomach, of long standing, ending in perforation and escape of its contents into the peritoneal cavity—perforation 22 hours before death		*
Cripplegate.			F. 22, { pneumonia		3 weeks	F. 46, { cancer of the jaw bone		1 year
F. 46, synchosis		4 days	{ typhus		*	(post mort.) { passage of gall stones		3 days
F. 9, typhus		9 weeks	{ phthisis pulmonalis		*	F. 39, { abscess on the surface of the liver		12 days
WEST LONDON; South.			East.			(post mort.) { peritonitis, diffuse		8 days
M. 16, fever		14 days	F. 5 mon, rubeola—low fever		5 days			

ANALYSIS OF CASES IN WHICH INQUESTS WERE HELD—Violence, 26; apoplexy, 6; disease of the heart, 3; convulsions, 3; intemperance, 2; aneurism, 1; other specified causes, 4; "natural death," "visitation of God," "found dead," &c., 13.—TOTAL, 58 cases.

THE NUMBER OF CASES in which it is recorded that a POST MORTEM EXAMINATION was made, is 33.

# METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH,

During the Week ending Saturday, 18th September, 1847.

Day.	Phases of the Moon	Mean height of the Barometer, from 12 Observations, (corrected and reduced to 32 degrees Fahrenheit.)	Readings of Thermometers										Difference between the Dew Point Temperature and Air Temperature			Difference between the mean temperature of the day and the mean temperature of the same day on an average of 25 years	WIND					Mean Amount of Cloud, 0-10	Rain in inches, read at 5 o'clock the at morning																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
			Dry			Dew Point	as shown by a self-regis- ter- ing Thermometer	Lowest on the grass, as shown by a self-regis- ter- ing Thermometer	In the Water of the Thames at Greenwich, by the self- registering Thermometer, read at 9 o'clock next morning		Mean of 19 Days	Greatest	Least	General Direction			Pressure in lbs. on the square foot		Mean of 19 Obs.	Amount of Horizontal Movement of the Air in each day																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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DAY	ELECTRICITY	Circumstances accompanying the exhibition of Electricity	GENERAL REMARKS
SUN.	Slightly positive during the morning. Nothing was shewn at any other examination.		The sky was generally cloudy throughout the day.
MON.	Positive and tension moderate from 7h. till 10h. a.m. Nothing was shewn at any other time.		Overcast throughout the day. Rain was falling from 2h. p.m. till midnight.
TUES.	Positive and tension moderate from 9h. till noon. Nothing was shewn at any other time.		Overcast till 4h. a.m., at which time the sky became clear, and continued so till 8h. a.m. Cumuli, cumulostrati, and scud then covered about eight-tenths of the sky till 7h. p.m. Cloudless during the remainder of the day. Rain was falling occasionally during the afternoon.
WED.	Positive and tension generally strong from 1h. p.m. till 10h. p.m. Nothing was shewn at any other time.		The sky was about one-half covered with cloud till 6h. a.m., and generally overcast during the remainder of the day. Rain was falling a little before midnight.
THURS.	Positive and tension variable from 5h. p.m. till 10h. p.m. Nothing was shewn at any other time.		The sky was nearly cloudless from 7h. till 8h. a.m., and from 8h. p.m. till midnight. With these exceptions it was mostly overcast throughout the day. Rain was falling occasionally, and before 8h. a.m.
FRID.	Nothing was shewn throughout the day.		Nearly cloudless from 3h. to 4h. a.m., and at about midnight. At other times it was overcast. Rain was falling occasionally from 10h. a.m. to 6h. p.m.
SAT.	Positive and tension strong from 11h. a.m. till 2h. p.m. Nothing was shewn at any other time.		Cloudless at about 8h. a.m., and from 7h. p.m. till midnight. At other times the greater part of the sky was covered with cumuli, cirrostrati, and scud. A heavy shower of rain fell between 2h. and 3h. 15m. p.m., and at 4h. 30m. p.m. a squall of hail and rain occurred, which lasted 7 minutes. The direction of the wind, which had previously been S.S.W., suddenly veered round to the N.N.W. when the squall commenced, and then went round to the W. when the squall had ceased.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The amount of clouds is estimated by considering a clear sky to be represented by 0, a cloudy sky by 10; and when partially cloudy by estimating the number of tenths of the whole sky covered with cloud. The observations are taken every two hours, day and night.

The readings of the two self-registering thermometers, the one placed in the full rays of the sun, and the other placed on grass fully exposed to the sky, are taken every morning at 9 A.M., and therefore exhibit the highest and lowest readings respectively, that have occurred in the previous 24 hours. They are, however, placed here opposite to the civil day which precedes that on which the thermometers are read. On Monday the thermometer on grass was not exposed through inadvertence.

Whewell's anemometer (from the indications of which the estimation of horizontal movement is made) is read at 10 A.M., and the result given is for the 24 hours preceding. It is placed here opposite to the civil day, which precedes that on which the anemometer is read.

The average temperature for 25 years is furnished by Mr. Henry, Assistant at the Royal Observatory, from the observations made at his residence in the neighbourhood of Greenwich Park.

\* In reading the 16th column, it will be borne in mind that + is read "higher," and — "lower," than the average.

The temperature of the water of the Thames is ascertained by the use of a self-registering thermometer, suspended from the side of the Dreadnought Hospital Ship, at the depth of about 2 feet below the surface. The readings of this instrument are registered under the superintendence of Lieutenant Sanders, R.N., Superintendent of the Dreadnought. The mean reading of a thermometer placed on the mainmast, and read each day at 6h. 30m. A.M., was 51°6; and the mean reading at 7h. 30m. P.M., was 54°2; the mean readings at the Royal Observatory for the same times were 51°5 and 52°6 respectively.

Births and Deaths registered in London,

During the Week ending Saturday, September 25th, 1847.

ANNUAL SERIES VIII.]

PUBLISHED BY AUTHORITY OF THE REGISTRAR GENERAL.

[No. 39.]

Causes of Death	Age			Total	Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population 5 Summers	Causes of Death.	Age			Total	Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population 5 Summers
	0 to 15	15 to 60	60 and upwards				0 to 15	15 to 60	60 and upwards		
ALL CAUSES.....	517	344	191	1052	240	IV.—Laryngitis .....	3	2	..	5	1
SPECIFIED CAUSES .....	514	342	191	1047	935	Quinsey .....	1	..	..	1	2
I.—Zymotic Diseases .....	236	64	39	339	226	Bronchitis .....	8	15	13	36	12
SPORADIC DISEASES—						Pleurisy .....	1	2	..	3	2
II.—Dropsy, Cancer, and other Dis-	68	22	21	111	103	Pneumonia .....	26	10	3	39	46
eases of uncertain or variable						Hydrothorax .....	..	1	2	3	3
Seat .....						Asthma .....	..	3	7	10	8
III.—Diseases of the Brain, Spinal	94	30	24	148	157	Phthisis (or Consump-	11	92	5	108	142
Marrow, Nerves and Senses ..						tion) .....					
IV.—Diseases of the Lungs, and of	51	126	31	208	226	Disease of Lungs, &c. ....	1	1	1	3	11
the other Organs of Respiration						V.—Pericarditis.....	1	1	..	2	1
V.—Diseases of the Heart and Blood-	2	21	7	30	25	Aneurism .....	..	1	..	1	.8
vessels .....						Disease of Heart, &c. ....	1	19	7	27	23
VI.—Diseases of the Stomach, Liver,	55	28	11	94	94	VI.—Teething.....	17	..	..	17	19
and other Organs of Digestion						Gastritis .....	4	1	1	6	24
VII.—Diseases of the Kidneys, &c. ....	1	6	3	10	8	Enteritis .....	7	4	2	13	2
VIII.—Childbirth, Diseases of the	..	17	2	19	10	Peritonitis .....	..	3	1	4	15
Uterus, &c. ....						Tabes Mesenterica.....	19	..	..	19	.6
IX.—Rheumatism, Diseases of the	1	3	2	6	7	Worms .....	..	..	..	..	2
Bones, Joints, &c. ....						Ascites .....	..	2	..	2	3
X.—Diseases of the Skin, Cellular	1	..	..	1	2	Ulceration (of Intestines, &c.) .....	2	..	1	3	2
Tissue, &c. ....						Hernia .....	..	3	..	3	3
XI.—Old Age .....	..	..	44	44	50	Colic or Ileus .....	2	..	1	3	5
XII.—Violence, Privation, Cold and	5	25	7	37	28	Intussusception .....	..	1	..	1	.6
Intemperance .....						Stricture (of the Intestinal	..	..	..	..	.9
I.—Small Pox .....	20	7	..	27	14	Canal) .....	..	..	..	..	7
Measles .....	35	..	..	35	28	Hæmatemesis.....	..	2	..	2	3
Scarlatina .....	46	..	..	46	39	Disease of Stomach, &c. ..	2	1	1	4	10
Whooping Cough .....	17	..	..	17	23	Disease of Pancreas .....	..	..	..	..	3
Croup .....	5	..	..	5	6	Hepatitis .....	1	4	1	6	2
Thrush .....	4	..	..	4	9	Jaundice .....	1	..	1	2	3
Diarrhœa.....	67	8	14	89	55	Disease of Liver, &c. ....	..	7	2	9	10
Dysentery .....	2	5	5	12	6	Disease of Spleen.....	..	..	..	..	2
Cholera .....	2	3	2	6	7	VII.—Nephritis.....	..	..	..	..	4
Influenza .....	..	..	..	..	.8	Ischuria .....	..	1	..	1	.6
Ague .....	..	..	..	..	.3	Diabetes .....	..	1	..	1	.3
Remittent Fever.....	5	..	..	5	.7	Cystitis .....	..	2	1	3	.6
Typhus .....	27	35	15	77	30	Stone .....	..	..	..	..	1
Erysipelas .....	4	7	3	14	5	Stricture (of the Urethra) ..	..	..	..	..	5
Syphilis .....	2	..	..	2	1	Disease of Kidneys, &c. ..	1	2	2	5	6
Hydrophobia .....	..	..	..	..	..	VIII.—Childbirth .....	..	11	..	11	3
II.—Hæmorrhage .....	..	1	..	1	3	Paramenia .....	..	..	..	..	.5
Dropsy .....	1	6	5	12	23	Ovarian Dropsy .....	..	..	..	..	3
Abscess .....	3	1	1	5	2	Disease of Uterus, &c. ....	..	6	2	8	3
Noma .....	..	..	..	..	.2	IX.—Arthritis .....	..	..	..	..	4
Mortification .....	1	..	3	4	.3	Rheumatism .....	1	2	2	5	3
Purpura .....	..	..	1	1	.6	Disease of Joints, &c. ....	..	1	..	1	4
Scrofula .....	3	..	1	4	4	X.—Carbuncle .....	..	..	..	..	.1
Cancer .....	..	6	4	10	12	Phlegmon .....	..	..	..	..	.2
Tumour .....	..	..	..	..	.9	Ulcer .....	..	..	..	..	.4
Gout .....	..	..	..	..	.9	Fistula .....	..	..	..	..	.3
Atrophy .....	31	1	2	34	20	Disease of Skin, &c.....	1	..	..	1	.6
Debility .....	25	1	..	26	22	XI.—Old Age .....	..	..	44	44	50
Malformations .....	2	..	..	2	2	XII.—Intemperance .....	..	5	..	5	1
Sudden Deaths (including	2	6	4	12	9	Privation.....	1	1	..	2	.4
Coroners' Inquests, in which it is						Violent Deaths .....	4	19	7	30	27
not shewn from what diseases or						Causes not Specified.....	3	2	..	5	5
causes the persons died.)											
III.—Cephalitis .....	4	3	..	7	13						
Hydrocephalus .....	35	..	..	35	37						
Apoplexy .....	3	10	11	24	18						
Paralysis.....	..	5	10	15	15						
Convulsions.....	43	1	..	44	54						
Tetanus .....	..	..	..	..	.4						
Chorea .....	..	..	..	..	.1						
Epilepsy .....	..	4	1	5	5						
Insanity .....	..	4	..	4	1						
Delirium Tremens.....	..	..	..	..	3						
Disease of Brain, &c. ....	9	3	2	14	10						

Weekly Average derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population		Males .....	479	Deaths registered in the Week	Males .....	498	Births registered in the Week	Males .....	635
		Females .....	461		Females .....	554		Females .....	625
		Total	940		Total..	1052		Total..	1260

# DISTRICTS OF LONDON, Comprising 135 Registrars' Districts.

	Area in square Miles	Population Enu- merated in 1841	Weekly Average Deaths from 1842-6, and corrected for Increase of Population	DEATHS registered in the Week	BIRTHS registered in the Week
			5 Summers		
WEST DISTRICTS { Kensington; Chelsea; St. George, Hanover-square; Westminster; St. Martin in the Fields; St. James	17.2	301,326	137	125	164
NORTH DISTRICTS { St. Marylebone; St. Pancras; Islington; Hackney; part of Edmonton, viz. Hampstead	20.5	376,396	175	179	260
CENTRAL DISTRICTS { St. Giles and St. George; Strand; Holborn; Clerkenwell; St. Luke; East London; West London; City of London	2.8	374,759	173	225	235
EAST DISTRICTS { Shoreditch; Bethnal Green; Whitechapel; St. George in the East; Stepney; Poplar	8.8	393,247	212	228	275
SOUTH DISTRICTS { St. Saviour; St. Olave; Bermondsey; St. George, Southwark; Newington; Lambeth; Wandsworth and Clapham; Camberwell; Rotherhithe; Greenwich; Lewisham	66.2	502,483	244	295	236
TOTALS	115.5	1,948,211	940	1052	1260

Births and Deaths not caused by Violence, registered in the Metropolis in the last 13 weeks, with the Mean Temperature for the same periods.

	3rd July	10th July	17th July	24th July	31st July	7th Aug.	14th Aug.	21st Aug.	28th Aug.	4th Sept.	11th Sept.	18th Sept.	25th Sept.
BIRTHS	1277	1199	1182	1210	1324	1240	1232	1223	1222	1295	1277	1162	1260
DEATHS (except from Violence)	865	861	925	877	933	944	1080	1046	1059	1014	1012	1123	1022
Deaths (except from Violence) at 60 yrs. & upwards	178	173	178	167	155	141	205	195	209	183	164	196	184
Diarrhoea	17	32	43	56	111	106	158	138	124	108	119	95	89
Typhus	61	52	64	57	54	55	70	62	74	77	81	111	77
Purpura	2	..	3	..	4	1	..	5	1	1	3	1	1
Mean Temperature	61.3	65.5	70.2	63.1	65.9	62.6	63.2	64.1	60.3	54.3	56.3	54.1	56.1

## EXTRACTS FROM THE METROPOLITAN RETURNS OF THE PREVIOUS WEEK, No. 38.

(The tabular abstract on the first page is for the week ending Saturday, Sept. 25th. The following selection of cases is made from the returns for the week ending Sept. 18th.)

### RETURNS OF VIOLENT DEATHS, MADE CHIEFLY BY CORONER.

NOTE.—The cases of violence not returned by the Coroner, have the words "no inquest."

Fractures and Contusions:—	duration	Fractures and Contusions (continued):—	duration	Drowning:—	duration
M. 49 (p.m.), injury of spine (no inquest), inflammation of the kidneys. 19 days		In London Hospital, F. 2, accidental, by a fall from a window (fractured skull) .....	same day	M. 70, drowned, whether accidentally or otherwise not known to the jury.	
In Charing Cross Hospital, carpenter, 32 (post mort.), mortification after a lacerated wound of the right thigh—fell from a platform, by the slipping of a ladder, when at work at the Junior United Service Club. ....	7 days	M. 45, natural death; from inflammation of the lungs, accelerated by a fall, and intemperance	*	F. 28, found dead, without marks of violence, in the Regent's Canal. ....	*
Widow of a labourer, 68, injuries to the head from an accidental fall down a flight of stone stairs. ....	*	M. 54, concussion of the brain—probable dislocation of the vertebrae of the neck a few minutes	*	M. 1, found dead, apparently drowned, in a pail of water. ....	*
M. 83 (no inquest), fracture of thigh—shock to the nervous system. ....	*	M. 11, son of a brickmaker, run over by a cart wheel—the wheel passing over his head. ....	*	M. 8, accidentally drowned in the River Thames, by falling from a barge. ....	*
In St. Bartholomew's Hospital, workman at a silk-dyer's, 51 (post mort.), fractured skull and lacerated brain, by falling from a ladder at Kingsland Road. ....	27 hours	In St. Bartholomew's Hospital, labourer, 29, delirium tremens, brought on by a fracture of his leg, from being run over by a cabriolet at Hoxton. ....	3 days	Seaman, 19, found dead, apparently drowned, without marks of violence. ....	*
In St. Bartholomew's Hospital, labourer, 50, inflammation of his chest, caused by a fracture of his ribs—no evidence how occasioned	*	In St. Bartholomew's Hospital, picture dealer, 69, compound fracture of his left thighbone, from being run over by a cart, as he was crossing Ray Street, Clerkenwell. ....	3 days	M. 9, accidentally drowned by falling from the pier head. ....	*
In St. Bartholomew's Hospital, painter, 41 (post mort.), fracture of his skull by falling from a scaffold, at Wood Street, Cheapside. 9 days		M. 22, accidentally killed by a crush and fracture of the skull, from a railway engine. ....	*	Sailor, 35, found dead in the River Thames, apparently drowned, without marks of violence. ....	*
In St. Bartholomew's Hospital, son of a slaughterman, 11 wks., probable concussion of the brain, caused by falling on the floor of a room at Cow Cross Street. ....	a few minutes	In London Hospital, labourer, 20, accidental, by a fall from a ballast wagon train, on the Eastern Counties Railway. ....	10 days	Ballast heaver, 26, accidental death from drowning, by falling from a jetty. ....	*
In St. Bartholomew's Hospital, labourer, 77, fracture of the left thighbone, caused by falling down, in the road, at Hoxton. ....	15 days	In London Hospital, soldier, 41, accidentally killed by a cart running over him in the Commercial Road. ....	*	Son of a lighterman, 5, accidentally drowned by falling into certain water, called the Surrey Iron Railway Basin. ....	15 mins.
In St. Bartholomew's Hospital, a waiter, 53, inflammation of the pleura and membrane surrounding the heart, probably excited by a fractured rib from an accidental fall. ....	*	In London Hospital, waggoner, 30, accidental by a fall from a cart at Stamford Hill. ....	6 weeks	Carver and gilder, 26, accidentally drowned in the River Thames, by the upsetting of a skiff. 17 hours	
M. 38, injuries caused by his body having been crushed by a quantity of gravel having fallen accidentally upon him. ....	*	In London Hospital, daughter of a labourer, 9, accidentally run over by a dray at Ratcliff—fractured thigh and leg. ....	1 day		
In St. Bartholomew's Hospital, warehouseman, 55 (post mort.), delirium tremens, caused by a wound in his head, from a cask falling out of a crane at Upper Thames Street. ....	4 weeks				
In London Hospital, seaman, 32, accidental, by falling down a ship's hold at the London Dock. ....	4 days	Wounds:—			
In London Hospital, labourer, 25, accidental by a fall from a mast upon a lighter—a blow on the head thereby. ....	*	Footman, 25, suicide with a pistol, fired into his head. ....	*	Burns and Scalds:—	
		In St. Bartholomew's Hospital, a clerk to a solicitor, 52, cutting his throat with a razor (temporary insanity). ....	10 days	In St. Bartholomew's Hospital, son of a labourer, 4, accidentally burnt by his clothes catching fire, when in a room alone. ....	*
		In London Hospital, farrier, 22, accidentally shot by a gun lying in a boat, and wounded in the arm, thereby causing death. ....	4 weeks	F. 3, accidental death from scalds, from drinking boiling water from a kettle. ....	*
		Footman, 19, pistol shot wound, by shooting himself—what state of mind he was in no sufficient proof. ....	*	In London Hospital, M. 1, accidental scalds, from falling into a tub of water. ....	same day
				In London Hospital, hotpresser's daughter, 4, accidentally burnt by her clothes taking fire, 4 days	
				F. 74, found dead at the foot of a flight of stairs, apparently burnt to death by her clothes taking fire. ....	*
				Hanging and Suffocation:—No deaths registered from these causes.	
				Poison:—	
				In Westminster Hospital, wife of a coke-seller, 27 (post mort.), poisoning by opium. ....	4 days
				In London Hospital, accountant, 36, poisoned himself in a temporary state of insanity. ....	*

### SIXTEEN HOSPITALS.—CAUSES OF DEATHS (NOT VIOLENT) AS RETURNED BY THE MEDICAL OFFICERS.

NOTE.—Deaths in hospitals from fractures, wounds, burns, scalds, poison, are not contained in this list. See deaths by violence.

Consumption H:—No deaths registered.	duration	Fever H:—	duration	St. Bartholomew's H. (continued):—	duration
St. George's H:—		M. 18, fever (in hospital 7 days) .....	*	M. 45, phthisis. ....	*
M. 27, { abscess over knee joint. ....	1 year	M. 23, { fever. ....	*	M. 56, emphysema, followed by delirium tremens	*
(post mort.) { bilious vomiting and fever. ....	16 days	(post mort.) { ulceration of ileum and colon. ....	*	See Violent Deaths.	
(post mort.) { fatty kidneys—pulmonary tubercles. ....	*	M. 46, { dysentery. ....	*	London H:—	
M. 31, { granular degeneration of the kidneys. ....	*	(post mort.) { ulceration of lower part of ileum and colon (in hospital 8 days). ....	*	M. 39, { albuminuria. ....	3 months
(post mort.) { general dropsy. ....	*	M. 46, { convulsions—coma. ....	1 day	(post mort.) { anasarca. ....	4 weeks
Westminster H:—		(in hospital 2 days). ....	*	M. 33, { mitral disease of heart. ....	2 years
M. 62, apoplexy. ....	*	F. 22 (post mort.), erysipelas (in hospital 21 days) 14 days		(post mort.) { anasarca. ....	1 month
M. 39, apoplexy. ....	*	F. 60, { typhus. ....	*	M. 45, dropsy. ....	6 weeks
M. 30, febrile typhoides. ....	10 days	(post mort.) { meningial apoplexy. ....	4 days	M. 17 (post mort.), enteritis. ....	10 days
F. 16, typhoid fever. ....	*	(in hospital 6 days). ....	*	See Violent Deaths.	
F. 46, lumbar abscess. ....	2 years	Small Pox H:—		St. Thomas' H:—	
See Violent Deaths.		F. 24, small pox, confluent (unprotected) ....	10 days	F. 24, phthisis. ....	3 months
Charing Cross H:—		F. 4, small pox, confluent (unprotected) ....	8 days	M. 43, sloughing of the scrotum. ....	*
M. 24, erysipelas. ....	*	M. 21, { said to have been vaccinated in infancy—no cicatrix. ....	*	M. 32, { diseased liver. ....	*
(4 days in Hospital, previously ill some days.)				(post mort.) { epistaxis. ....	*
See Violent Deaths.				(post mort.) { bronchitis. ....	7 months
Middlesex H:—		King's College H:—		M. 35, febrile—epilepsy. ....	3 weeks
M. 58, bronchitis. ....	*	M. 41 (post mort.), aneurism of aorta. ....	*	M. 42, old disease of bladder. ....	*
F. 56, cancerum uteri. ....	1 year	F. 34, rheumatic fever. ....	7 days	Guy's H:—	
University College H:—		St. Bartholomew's H:—		M. 59, erysipelas. ....	*
M. 32 (post mort.), phthisis. ....	2 years	F. 46, inflammation of the intestines. ....	*	M. 35, diseased brain and kidneys. ....	*
F. 27, { disease of the heart. ....	some years	F. 11, diseased hip joint. ....	*	M. 59, cancer of stomach. ....	*
F. 28 (post mort.), phthisis. ....	3 years	F. 50, fever—pleurisy—pneumonia. ....	*	M. 54, renal dropsy. ....	*
Royal Free H:—		M. 56 (inquest), apoplexy. ....	a few minutes	M. 21, fever. ....	*
M. 24, typhus—pneumonia—ulceration of bowels. ....	4 weeks	M. 50, extreme debility. ....	*	F. 15, fever—peritonitis. ....	*
F. 23 (post mort.), softening of the brain. ....	2 weeks	M. 20, diarrhoea. ....	4 days	F. 55, laryngitis. ....	4 days
		M. 39, erysipelas. ....	*	F. 25 (post mort.), renal dropsy. ....	*
		M. 22, phthisis. ....	*	Royal Ordnance H:—	
				M. 23, fever. ....	5 days
				Dreadnought H:—No deaths registered.	

**Small Pox:—**

	duration
NOTE.—It should be stated in all cases whether vaccination had been performed with effect.	
M. 4, {small pox never inoculated or vaccinated.	*
F. 3, {small pox never inoculated or vaccinated.	*
M. 2, {varicella not vaccinated.	14 days
M. 4, {small pox (1st attack) never vaccinated.	5 days
M. 3 mon., {small pox, confluent not vaccinated.	16 days
M. 3, {small pox not vaccinated.	*
F. 7 wks., confluent small pox.	13 days
M. 2 mon., {small pox never vaccinated.	*
M. 16 mon., {small pox not vaccinated.	*
F. 9 mon., {small pox not vaccinated.	*
M. 7 mon., {small pox without previous vaccination.	*
F. 3, {small pox without previous vaccination.	*
M. 35, small pox.	8 days
M. 4, {pneumonia 1st attack, never vaccinated.	5 weeks
F. 8 mon., {small pox not vaccinated.	4 weeks
M. 24, small pox, natural.	*
F. 7 wks., {small pox pneumonia—typhus not vaccinated.	11 days
F. 1, {small pox not vaccinated.	*
M. 3, {small pox not vaccinated.	12 days
F. 1, {small pox not vaccinated.	8 days
F. 4, {small pox not vaccinated.	7 days
F. 3, {small pox not vaccinated.	10 days

See Return of Small Pox Hospital.

**Typhus, &c.:—**

KENSINGTON; Paddington, St. Mary.	
F. 6, typhus	14 days
F. 4, bilious fever	14 days
Fulham.	
F. 36, {fever premature labour.	4 months
WESTMINSTER; St. Margaret.	
M. 30, typhus	6 weeks
M. 18, fever	10 days
ST. MARTIN-IN-THE-FIELDS, Charing Cross.	
F. 7, typhus	14 days
Long Acre.	
F. 13, fever.	22 days
ST. JAMES, WESTMINSTER; Berwick-street.	
M. 14, typhus.	*
ST. MARLYBONE; Christ Church.	
M. 51, typhus.	6 days
St. John.	
M. 34, {post mort., typhus cerebral congestion.	7 days
F. 40, low fever	2 weeks
ST. PANCRA'S; Tottenham.	
M. 3, fever	21 days
M. 48, {post mort., typhoid fever.	12 days
F. 17, typhus	10 days
Gray's Inn-lane.	
M. 30, typhus	3 weeks
Somers Town.	
F. 14, {fever pneumonia.	3 weeks
Camden Town.	
F. 34, fever—pulmonary congestion	1 week
Regent's Park.	
F. 25, typhus.	15 days
F. 2, typhus.	5 days
Kentish Town.	
F. 80, continued fever	14 days
F. 8 mon., {continued fever diarrhoea.	*
ST. GILES IN THE FIELDS; South District.	
F. 70, typhus.	7 days
F. 70, typhus.	11 days
F. 61, typhus.	*
North District.	
M. 21, typhus	10 years
F. 43, {dyspepsia jaundice.	2 years
fever	7 days
STRAND; St. Clement Danes.	
M. 8, {synchus effusion into ventricles.	14 days
M. 32, typhus.	3 days
F. 1, fever—diarrhoea	21 days
HOLBORN; St. Andrew, East.	
F. 67, fever.	11 days
F. 57, fever—diarrhoea	6 days
F. 3, typhus.	21 days
F. 44, typhus.	16 days

**Typhus, &c. (continued):—**

St. JAMES, CLERKENWELL; St. James.	
M. 70, typhus—gastro-enteritis	30 days
F. 50, {typhus peritonitis—pleuritis.	*
F. 60, typhus.	3 weeks
St. LUKE; Whitecross-street.	
F. 3, fever	14 days
City-road.	
F. 44, typhus	1 week
EAST LONDON; Cripplegate.	
M. 15, typhus—rose spots	12 days
WEST LONDON; North District.	
M. 39, typhus	10 days
F. 52, fever.	1 week
F. 1, typhus—ulceration of bowels.	11 days
F. 32, synchus	11 days
SHOREDITCH; St. Leonard.	
M. 74, {general debility typhus.	several years
Haggerstone West.	
F. 71, typhoid fever	7 days
BETHNAL GREEN; The Green.	
F. 8, typhus	9 days
The Church.	
F. 19, typhus	17 days
The Town.	
M. 1, {typhus pneumonia.	14 days
F. 21, fever.	7 days
Hackney-road.	
F. 75, general decay—low fever	6 days
F. 68, fever.	3 weeks
WHITECHAPEL; Spitalfields.	
F. 2, {scarlet fever typhus.	5 days
F. 57, typhus.	3 days
Mile End, New Town.	
F. 44, typhus	14 days
North District.	
M. 47, typhus	7 days
M. 20, typhus.	*
M. 48, synchus—diarrhoea.	*
F. 58, synchus	*
F. 76, synchus and infirmities of age.	*
F. 69, synchus and infirmities of age.	*
F. 75, synchus and infirmities of age.	*
Aldgate.	
M. 3, typhus	*
St. GEORGE IN THE EAST; St. Paul.	
M. 29, fever	9 days
M. 1, diarrhoea—typhoid fever.	14 days
St. Mary.	
M. 63, typhus	14 days
M. 22, {typhus pneumonia.	3 months
STEPNEY; Limehouse.	
M. 1, fever	3 days
Ratcliffe.	
F. 30, fever—diarrhoea	1 week
Shadwell and Wapping.	
F. 24, ulceration of the bowels, the result of fever	3 weeks
Mile End, Old Town (Upper).	
M. 6, {continued fever effusion on brain.	*
Mile End, Old Town (Lower).	
F. 63, {fever diarrhoea.	4 weeks
POPLAR; Bow and Bromley.	
F. 59, typhus	9 days
ST. SAVIOUR; St. Saviour.	
M. 3, {fever pneumonia.	4 days
Christchurch.	
M. 32, fever.	20 days
ST. OLAVE; St. John.	
M. 9, {fever pneumonia.	14 days
M. 9, typhus	10 days
BERMONDSEY; The Leather Market.	
M. 26, {sore throat typhus.	7 days
F. 19, typhus	14 days
SOUTHWARK; Kent Road.	
M. 3, pneumonia—dysentery—typhus	6 days
M. 52, bronchitis—fever	*
M. 1, fever—diarrhoea	*
M. 69, diarrhoea—fever.	*
Borough-road.	
F. 1, {cynanche parotidea asphyxia, gradual.	6 weeks
London Road.	
M. 2, typhus.	13 days
F. 52, typhus	11 days
LAMBETH; Waterloo (1st part).	
M. 12, typhus—cerebral congestion	13 days
Church (1st part).	
M. 33, typhus.	9 days
Church (2nd part).	
M. 7 wks., typhus	5 days
Kennington (1st part).	
M. 31, fever	3 days

**Typhus, &c. (continued):—**

CAMBERWELL; St. George.	
F. 51, typhus	2 weeks
GREENWICH; St. Paul, Deptford.	
M. 9, typhus	3 weeks
F. 55, fever.	*
F. 15, typhus	12 days
Woolwich Arsenal.	
M. 31, fever—effusion on the brain.	10 days
F. 7, typhus	14 days
F. 3, typhus	7 days
Woolwich Dockyard.	
F. 12, bilious fever.	3 days
West.	
M. 11, typhus	14 days
WANDSWORTH AND CLAPHAM; Battersea.	
F. 42, typhus	some weeks
LEWISHAM; Plumstead and Charlton.	
F. 8, fever	9 days
See Hospital Returns.	
Ague:—	
F. 81, intermittent fever	10 days
Remittent Fever:—	
F. 1, remittent fever	2 months
Syphilis:—	
M. 9 wks., syphilitic disease	from birth
F. 3 wks., syphilitic eruptions—convulsions	*
Malformation:—	
M. infant (inquest), congestion of the brain, accompanied by malformation in size, and by a great increase of the thymus gland.	*
M. 10, cyanosis	from birth
M. 12 days, spina bifida	from birth
M. under 1 year, malformation of heart.	*
F. 5 days, cyanosis	*
M. 21 hours, cyanosis	*
Hernia:—	
F. 79, {strangulated hernia mortification.	*
Diabetes:—No deaths registered from this cause.	
Stone:—No deaths registered from this cause.	
Childbirth:—The time elapsing from commencement of labour to death should invariably be returned.	
F. 22, {puerperal peritonitis 4 days after delivery.	*
F. 25, peritoneal inflammation after parturition, 10 days	16 hours
F. 27, puerperal peritonitis	6 days
F. 42, rupture of uterus during labour (11th child)	7 days
F. 27, puerperal fever	16 hours
F. 26, puerperal convulsions.	*
F. 42, {miscarriage phlegmasia dolens	2 days
F. 43, puerperal fever	2 days
inflammation of the veins leading to the ovaries and fallopian tubes, with a small portion of pus in them, 1 month syncope just after natural parturition.	
F. 35, {	5 days
F. 28, {uterine hæmorrhage after confinement, occasioned by a fright.	5 days
F. 39, {childbirth puerperal fever.	3 days
F. 34, exhaustion from labour, having been ill 10 days previously with erysipelas.	*
Delirium Tremens:—	
M. 44, delirium tremens	*
M. 44, delirium tremens	*
F. 54, {delirium tremens valvular disease of the heart	4 days
M. 47, delirium tremens	3 days
M. 44, delirium tremens	3 days
M. 60, delirium tremens	3 days
See Return of St. Bartholomew's Hospital.	
Intemperance:—	
M. 41 (inquest), natural death; from excessive use of intoxicating liquors	6 weeks
F. 26, inebriety—typhus	*
A cooper, 20 (inquest), died from an excessive draught of overproof brandy	*
Privation:—No deaths registered from this cause.	
Want of Breast-milk:—	
F. 5 wks., atrophy from want of breast-milk.	*
M. 14 days, premature birth in 8 months; exhaustion from defective nutrition.	*
F. 6 wks., atrophy from want of breast-milk.	*
F. 1 mon., wasting from want of breast-milk.	*
Purpura:—	
F. 3, purpura hæmorrhagica	1 week
Hæmorrhage:—	
F. under 1 hour, umbilical hæmorrhage.	*
M. 67 (inquest), natural, caused by loss of blood from the lungs	*
F. 32 (inquest), natural, most probably from the rupture of a blood vessel.	a few minutes
Hæmatemesis:—	
M. 63, hæmatemesis	5 days
F. 24, hæmatemesis	*
Miscellaneous Causes:—	
F. 61 (post mort.), cirrhosis—enlarged flabby heart—jaundice—whole duration	4 months
F. 1, eclampsia	1 day

ANALYSIS OF CASES IN WHICH INQUESTS WERE HELD.—Violence, 41; apoplexy, 5; disease of the heart, 3; hæmorrhage, 2; intemperance, 2; other specified causes, 8; "natural death," "visitation of God," "found dead," &c., 14.—TOTAL, 68 cases.

THE NUMBER OF CASES IN WHICH IT IS RECORDED THAT A POST MORTEM EXAMINATION WAS MADE, IS 40.

METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH,

During the Week ending Saturday, 25th September, 1847.

Day.	Phases of the Moon	Mean height of the Barometer, from 12 Observations, (corrected and reduced to 32 degrees Fahrenheit.)	Readings of Thermometers								Difference between the Dew Point Temperature and Air Temperature			Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 25 years	WIND							Mean Amount of Cloud, 0-10	Rain in inches, read at 9 o'clock the next morning																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
			Dry			Dew Point Mean from 12 Obs.	Highest in the sun, as shown by a self-register- ing Thermometer	Lowest on the grass, as shown by a self-register- ing Thermometer	In the Water of the Thames at Greenwich, by the self- registering Thermometer, read at 9 o'clock next morning		Mean of 12 Diff.	Greatest	Least		General Direction		Pressure in lbs. on the square foot		Amount of Horizontal Movement of the Air in each day																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
			High- est from 12 Obs.	Low- est from 12 Obs.	Mean from 12 Obs.					Highest					Lowest	A.M.	P.M.	Greatest		Least	Mean of 12 Obs.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
SEPTEMBER,		in.	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°

DAY	ELECTRICITY	Circumstances accompanying the exhibition of Electricity	GENERAL REMARKS
SUN.	Nothing was shewn during the morning. Positive and tension moderate during afternoon and evening.		Thin cirrostratus, scud, and haze covered most of the sky during the day. Rain was falling after 9h. p.m.
MON.	Nothing was shewn from 2h. a.m. till 6h. a.m. Strong negative electricity was shewn between 3h. p.m. and 6h. p.m. At other times it was positive, with ten- sion occasionally strong.	} Rain falling.	The sky was partially covered with cirrostratus and scud between 7h. a.m. and 2h. p.m. At other times it was overcast. A nearly perfect, but faint, lunar halo was visible at about 11h. 20m. p.m., whose radius as measured was 23°. Rain was falling occasionally during the day.
TUES.	Positive and tension moderate at 1h. 20m. a.m., and from 9h. a.m. till 2h. p.m. Nothing was shewn at any other times. No electricity was shewn during the remainder of the week.		Thin cirrostratus covered about one-half of the sky till 4h. a.m. At other times it was overcast. A drizzling rain was falling from 2h. p.m. till 10h. 30m. p.m. The arc of a faint solar halo was visible at 8h. 20m. a.m.
WED.			Cirrostratus and scud covered one-half of the sky till 4h. a.m. Nearly overcast from that time till 2h. p.m. The sky was occasionally cloudless between this time and midnight.
THURS.			The greater part of the sky was overcast throughout the day. At 9h. p.m. a faint lunar halo was visible.
FRID.			Generally overcast till 8h. p.m., and occasionally cloudless between that time and midnight. At about 9h. p.m. an aurora borealis was visible, bright streamers crossing the Zenith from the N.N.W. The magnets were violently disturbed during the greater part of the day.
SAT.			The sky was mostly covered with cirrostratus, scud, and fleecy clouds from 7h. a.m. till 4h. p.m., and at about midnight. At other times it was nearly cloudless.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The amount of clouds is estimated by considering a clear sky to be represented by 0, a cloudy sky by 10; and when partially cloudy by estimating the number of tenths of the whole sky covered with cloud. The observations are taken every two hours, day and night.

The readings of the two self-registering thermometers, the one placed in the full rays of the sun, and the other placed on grass fully exposed to the sky, are taken every morning at 9 A.M., and therefore exhibit the highest and lowest readings respectively, that have occurred in the previous 24 hours. They are, however, placed here opposite to the civil day which precedes that on which the thermometers are read.

Whewell's anemometer (from the indications of which the estimation of horizontal movement is made) is read at 10 A.M., and the result given is for the 24 hours preceding. It is placed here opposite to the civil day, which precedes that on which the anemometer is read.

The average temperature for 25 years is furnished by Mr. Henry, Assistant at the Royal Observatory, from the observations made at his residence in the neighbourhood of Greenwich Park.

\* In reading the 16th column, it will be borne in mind that + is read "higher," and - "lower," than the average.

The temperature of the water of the Thames is ascertained by the use of a self-registering thermometer, suspended from the side of the Dreadnought Hospital Ship, at the depth of about 2 feet below the surface. The readings of this instrument are registered under the superintendence of Lieutenant Sanders, R.N., Superintendent of the Dreadnought. The mean reading of a thermometer placed on the mainmast, and read each day at 6h. 30m. A.M., was 51.5; and the mean reading at 7h. 30m. P.M., was 57.3; the mean readings at the Royal Observatory for the same times were 52.3 and 57.0 respectively.

# Births and Deaths registered in London,

During the Week ending Saturday, October 2nd, 1847.

ANNUAL SERIES VIII.]

PUBLISHED BY AUTHORITY OF THE REGISTRAR GENERAL.

[No. 40.]

Causes of Death	Age			Total	Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population	5 Autumns	Causes of Death.	Age			Total	Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population	5 Autumns
	0 to 15	15 to 60	60 and upwards					0 to 15	15 to 60	60 and upwards			
ALL CAUSES.....	504	431	205	*1143	1046		IV.—Laryngitis .....	1	..	..	1	2	
SPECIFIED CAUSES .....	502	430	205	*1140	1039		Quinsey .....	1	1	..	2	2	
I.—Zymotic Diseases .....	217	72	28	317	211		Bronchitis .....	11	9	14	34	39	
SPORADIC DISEASES—							Pleurisy .....	..	1	1	2	3	
II.—Dropsy, Cancer, and other Diseases of uncertain or variable Seat .....	67	46	37	150	104		Pneumonia .....	35	10	2	47	109	
III.—Diseases of the Brain, Spinal Marrow, Nerves and Senses ..	85	53	31	169	157		Hydrothorax .....	2	..	..	2	5	
IV.—Diseases of the Lungs, and of the other Organs of Respiration ..	67	128	32	227	335		Asthma .....	..	4	4	8	24	
V.—Diseases of the Heart and Blood-vessels .....	..	20	9	29	34		Phthisis (or Consumption) ..	14	99	8	121	134	
VI.—Diseases of the Stomach, Liver, and other Organs of Digestion ..	37	32	11	80	74		Disease of Lungs, &c. ....	3	4	5	10	16	
VII.—Diseases of the Kidneys, &c. ....	..	4	4	8	9		V.—Pericarditis.....	..	..	1	1	2	
VIII.—Childbirth, Diseases of the Uterus, &c. ....	..	9	..	9	14		Aneurism .....	..	1	..	1	1	
IX.—Rheumatism, Diseases of the Bones, Joints, &c. ....	1	1	2	4	7		Disease of Heart, &c. ....	..	19	8	27	31	
X.—Diseases of the Skin, Cellular Tissue, &c. ....	..	..	2	2	2		VI.—Teething.....	13	..	..	13	14	
XI.—Old Age .....	..	..	35	35	65		Gastritis .....	1	2	..	3	15	
XII.—Violence, Privation, Cold and Intemperance .....	28	65	14	*110	29		Enteritis .....	5	9	1	15	3	
I.—Small Pox .....	17	1	..	18	15		Peritonitis .....	4	5	..	9	10	
Measles .....	47	..	..	47	36		Tabes Mesenterica.....	13	..	..	13	5	
Scarlatina .....	48	2	..	50	44		Worms .....	..	..	..	..	2	
Whooping Cough .....	19	..	..	19	32		Ascites .....	..	..	..	..	2	
Croup .....	7	..	..	7	8		Ulceration (of Intestines, &c.) ..	..	..	1	1	2	
Thrush .....	3	..	..	3	5		Hernia .....	..	..	1	1	2	
Diarrhoea .....	33	7	13	53	17		Colic or Ileus .....	..	2	3	5	2	
Dysentery .....	8	8	1	17	4		Intussusception .....	..	1	..	1	1	
Cholera .....	1	1	1	3	1		Stricture (of the Intestinal Canal) ..	..	..	..	..	1	
Influenza .....	..	1	1	2	3		Hamatemesis.....	..	1	..	1	1	
Ague .....	..	1	..	1	1		Disease of Stomach, &c. ....	..	1	..	1	6	
Remittent Fever.....	3	1	..	4	1		Disease of Pancreas .....	..	2	2	4	1	
Typhus .....	27	41	11	79	36		Hepatitis .....	..	2	..	2	3	
Erysipelas .....	3	9	1	13	7		Jaundice .....	1	..	1	2	2	
Syphilis .....	1	..	..	1	2		Disease of Liver, &c. ....	..	8	2	10	10	
Hydrophobia .....	..	..	..	..	..		Disease of Spleen.....	..	..	..	..	2	
II.—Hæmorrhage .....	..	2	2	4	3		VII.—Nephritis.....	..	..	..	..	5	
Dropsy .....	2	6	10	18	24		Ischuria .....	..	..	..	..	1	
Abscess .....	..	4	..	4	2		Diabetes .....	..	..	..	..	1	
Noma .....	..	1	..	1	1		Cystitis .....	..	..	..	..	4	
Mortification .....	4	1	..	5	4		Stone .....	..	..	1	1	1	
Purpura .....	..	..	..	..	4		Stricture (of the Urethra) ..	..	..	..	..	1	
Scrofula .....	1	1	..	2	4		Disease of Kidneys, &c. ..	..	4	3	7	6	
Cancer .....	..	10	5	15	14		VIII.—Childbirth .....	..	5	..	5	9	
Tumour .....	..	1	..	1	5		Paramenia .....	..	..	..	..	3	
Gout .....	..	..	2	2	1		Ovarian Dropsy .....	..	..	..	..	1	
Atrophy .....	26	1	1	28	14		Disease of Uterus, &c. ....	..	4	..	4	3	
Debility .....	23	3	..	26	22		IX.—Arthritis .....	..	..	..	..	1	
Malformations .....	2	..	..	2	3		Rheumatism .....	..	..	..	..	4	
Sudden Deaths (including Coroners' Inquests, in which it is not shewn from what diseases or causes the persons died.)	9	16	17	42	13		Disease of Joints, &c. ....	1	1	2	4	4	
III.—Cephalitis .....	8	1	..	9	13		X.—Carbuncle .....	..	..	..	..	2	
Hydrocephalus .....	28	..	..	28	32		Phlegmon .....	..	..	..	..	2	
Apoplexy .....	2	31	17	50	23		Ulcer .....	..	..	2	2	8	
Paralysis .....	..	5	10	15	19		Fistula .....	..	..	..	..	4	
Convulsions.....	45	1	..	46	51		Disease of Skin, &c. ....	..	..	..	..	8	
Tetanus .....	1	..	..	1	4		XI.—Old Age .....	..	..	35	35	65	
Chorea .....	..	..	..	..	1		XII.—Intemperance .....	..	7	..	7	1	
Epilepsy .....	..	4	1	5	5		Privation.....	..	..	1	1	7	
Insanity .....	..	..	1	1	2		Violent Deaths .....	28	58	13	*102	28	
Delirium Tremens.....	..	4	..	4	2		Causes not Specified.....	2	1	..	3	7	
Disease of Brain, &c. ....	1	7	2	10	11								

5 Autumns.

Weekly Average derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population	Males .....	528	Deaths registered in the Week	Males .....	589	Births registered in the Week	Males .....	721
	Females .....	518		Females .....	564		Females .....	733
	Total .....	1046		Total .....	1143		Total .....	1454

\* The ages of 3 persons, whose deaths are assigned to violence, are not stated.

DISTRICTS OF LONDON, Comprising 135 Registrars' Districts.		Area in square Miles	Population Enume- rated in 1841	Weekly Average derived from Deaths of 1842-6, and corrected for increase of Population 5 Autumns	DEATHS registered in the Week	BIRTHS registered in the Week
WEST DISTRICTS	{ Kensington; Chelsea; St. George, Hanover-square; Westminster; St. Martin in the Fields; St. James	17.2	301,326	146	153	184
NORTH DISTRICTS	{ St. Marylebone; St. Pancras; Islington; Hackney; part of Edmonton, viz. Hampstead	20.5	376,396	184	194	279
CENTRAL DISTRICTS	{ St. Giles and St. George; Strand; Holborn; Clerkenwell; St. Luke; East London; West London; City of London	2.8	374,759	196	267	277
EAST DISTRICTS	{ Shoreditch; Bethnal Green; Whitechapel; St. George in the East; Stepney; Poplar	8.8	393,247	232	273	340
SOUTH DISTRICTS	{ St. Saviour; St. Olave; Bermondsey; St. George, Southwark; Newington; Lambeth; Wandsworth and Clapham; Camberwell; Rotherhithe; Greenwich; Lewisham	66.2	502,483	288	316	374
TOTALS		115.5	1,948,211	1046	1143	1454

Births and Deaths not caused by Violence, registered in the Metropolis in the last 13 weeks, with the Mean Temperature for the same periods.													
	10th July	17th July	24th July	31st July	7th Aug.	14th Aug.	21st Aug.	28th Aug.	4th Sept.	11th Sept.	18th Sept.	25th Sept.	2nd Oct.
BIRTHS	1199	1182	1210	1324	1240	1232	1223	1222	1295	1277	1462	1260	1454
DEATHS (except from Violence)	861	925	877	933	944	1080	1046	1059	1014	1012	1123	1022	1041
Deaths (except from Violence) at 60 yrs. & upwards	173	178	167	155	141	205	195	209	183	164	196	184	192
Diarrhoea	32	43	56	111	106	158	138	124	108	119	95	89	53
Typhus	52	64	57	54	55	70	62	74	77	81	111	77	79
Purpura	..	3	..	4	1	..	5	1	1	3	1	1	..
Mean Temperature	65.5	70.2	63.1	65.9	62.6	63.2	64.1	60.3	54.3	56.3	54.1	56.1	51.7

DEATHS registered in LONDON, in corresponding series of weeks of eight years :—								
No. of week.	34	35	36	37	38	39	40	Average of 7 weeks
1840	845	882	878	846	863	882	819	859
1841	769	812	893	901	881	907	840	857
1842	923	855	892	892	794	952	876	883
1843	867	934	905	940	1008	1068	1081	972
1844	948	810	927	855	869	944	973	904
1845	855	846	773	851	785	869	867	835
1846	917	894	899	959	878	813	950	901
Average of 7 yrs	875	862	881	892	868	919	915	887
1847	1057	1084	1051	1040	1169	1052	1143	1085

The mortality of Wandsworth and Clapham, and that of Lewisham and sub-district of Hampstead, are included in this table throughout the eight years.

DEATHS from Purpura or from Scurvy in LONDON :—					
YEARS	Quarters of 13 weeks each, ending in				Total in the Year
	March	June	Sept.	Dec.	
1842	3	5	4	4	16
1843	2	1	6	4	13
1844	5	3	7	6	21
1845	2	4	11	8	25
1846	5	9	9	5	28
1847	16	25	20		

1	2	3	4
Specified	Deaths registered last week in London	Deaths which would have been registered if the rate of mortality had been the same as in Dorsetshire, Sept. Quarters, 1838-44.	Excess of Mortality in London during the week
0-15	504	237	267
15-35	166	132	34
35-55	215	95	120
55 and upwards	255	150	105
All Ages	1143	614	529

# EXTRACTS FROM THE METROPOLITAN RETURNS OF THE PREVIOUS WEEK, No. 39.

(The tabular abstract on the first page is for the week ending Saturday, Oct. 2nd. The following selection of cases is made from the returns for the week ending Sept. 25th.)

RETURNS OF VIOLENT DEATHS, MADE CHIEFLY BY CORONER.			
NOTE.—The cases of violence not returned by the Coroner, have the words “no inquest.”			
Fractures and Contusions :—	duration	Wounds :—	duration
Schoolmaster, 62, irritative fever from a fracture of the thigh by a fall on the floor	3 weeks	F. 43, suicide—cut her throat with a razor, being in a state of mental derangement	20 mins.
F. 79 (no inquest), old age and debility—fracture of the neck of the thigh bone	*	A travelling draper, cut throat—felo-de-se.	
F. 47, injuries to the head from a fall down stairs	4 days	Laundress, 20, cut throat—wilfully murdered.	
F. 48, erysipelas from a wound on the head, caused by falling down stairs	1 week	Drowning :—	
In St. Thomas' Hospital, son of a shoemaker, 17, extravasation of blood on the brain, from a blow on his head, by falling into the River Thames	36 hours	Labourer, 19, drowned—boat (a light gig) filled with water, and swamped with deceased and four other persons	under water 58 hours
In Guy's Hospital, painter, 40 (post mort.), fracture of the bones of the pelvis, and other injuries, by being jammed between two steamboats, as he was painting a paddle box	4 days	M. 32, accidentally drowned while bathing in the River Lea	under water 20 minutes
M. 34, crushed to death between the wheels of a bark mill, his hand being caught when in the act of greasing the cogs	instant	M. 11 mon., accidentally drowned by falling into a pan of water	*
A waterman, 27, compression of the brain, caused by a blow accidentally received from a paddle wheel of the “City of Limerick” steamboat	2 days	M. 16, drowned by falling off a barge	4 days
F. 9, internal injuries—run over by a cart wheel	instant	Drill sergeant, 34, accidentally drowned in the River Thames, being thrown out of a cutter by coming in collision with a steamboat	6 days
		Shopman, 30, drowned while bathing in the River Thames	2 days
		Burns and Scalds :—	
		Son of a chair maker, 2, clothes took fire when left alone in a room by his mother—fire in the grate without a guard—found dead.	
		Burns and Scalds (continued) :—	duration
		M. 1, scald	9 days
		F. 53, burns accidentally received by falling against a fire, when in a fit	11 weeks
		Hanging and Suffocation :—	
		A clerk, 34, hanged and suffocated himself (while of unsound mind)	*
		M. 63, suicide by strangulation with a handkerchief (of unsound mind)	*
		M. 69, suicide by hanging (of unsound mind)	*
		F. 36, hanged herself in a temporary state of insanity	*
		M. 85, choked himself while eating his dinner	5 minutes
		Weaver, 64, hanged himself in a temporary state of derangement	*
		M. 74, suicide by hanging himself, being at the time of unsound mind	*
		Poison :—	
		In Westminster Hospital, F. 27 (post mort.), opium taken in an overdose, accidentally	36 hours
		F. 18, suicide by taking laudanum (of unsound mind)	*

SIXTEEN HOSPITALS.—CAUSES OF DEATHS (NOT VIOLENT) AS RETURNED BY THE MEDICAL OFFICERS.			
NOTE.—Deaths in hospitals from fractures, wounds, burns, scalds, poison, are not contained in this list. See deaths by violence.			
Consumption H :—	duration	Fever H :—	duration
F. 29, phthisis	8 months	F. 48, { pleuro-pneumonia	*
St. George's H :—		(post mort.) { effusion of pus in pleura	*
M. 69, chronic bronchitis	*	(in hospital 23 days)	
M. 67, disease of heart and lungs	*	Small Pox H :—	
Westminster H :—		M. 37, small pox, confluent	8 days
F. 49, { uterine disease	some months	said to have been vaccinated in infancy—no cicatrix.	
{ typhoid marasmus	some weeks	M. 45, small pox, confluent	4 days
See Violent Deaths.		said to have been vaccinated at 5 years old—no cicatrix.	
Charing Cross H :—No deaths registered.		King's College H :—	
Middlesex H :—		M. 23, bronchitis	3 weeks
M. 53, pneumonia	*	M. 35 (post mort.), phthisis	12 months
F. 11, febris	*	M. 49 (post mort.), aneurism of aorta (burst).	
University College H :—No deaths registered.		F. 55, { strangulated hernia (operation)	3 days
Royal Free H :—No deaths registered.		{ low fever	12 days
		M. 20 (post mort.), white softening of brain—meningitis	12 days
		St. Bartholomew's H :—	duration
		disease of the kidneys	*
		M. 20, { peritonitis	*
		(post mort.) { effusion into the chest	*
		{ left ventricle of the heart hypertrophied.	
		M. 36, convulsions	*
		M. 3, pleurisy, with effusion	1 week
		M. 29, epilepsy	*
		M. 47, phthisis—disease of liver	*
		M. 30, dropsy	*
		F. 50, destitution	*
		F. 63, erysipelas of arm	*
		London H :—	
		M. 15, dropsy	*

# SIXTEEN HOSPITALS.—CAUSES OF DEATH (NOT VIOLENT) AS RETURNED BY THE MEDICAL OFFICERS (continued):—

<b>St. Thomas' H.:</b>	duration
F. 16, pneumonia	2 months
F. 38, corroding ulcer of uterus	many months
M. 41, cancer of the glands of the neck	*
M. 19, pneumonia	8 months
F. 47, irritative fever, after operation	*
See Violent Deaths.	
<b>Guy's H.:</b>	
M. 27 (post mort.), fever—ulceration of intestines	15 days
F. 19, fever	14 days
M. 26, diseased chest and heart	*
See Violent Deaths.	

<b>Royal Ordnance H.:</b>	duration
M. 31, consumption	5 months
<b>Dreadnought H.:</b>	
abscess of leg	5 weeks
M. 19, erysipelas of the leg and thigh, commencing Sept. 3rd, terminating in gangrene of integuments and collapse.	
M. 45, phthisis.	5 months
(post mort.) gripping pains and vomiting.	
2 days before death, excessive vomiting and exhaustion.	

<b>Dreadnought H. (continued):</b>	duration
M. 19, typhoid fever	15 days
(post mort.) accompanied with diarrhoea	*
ulceration of small intestines.	
M. 19, phthisis	*
(post mort.) emphysema of cellular tissue of neck	few days
general adhesions of both pleurae, circumscribed abscesses of both lungs, one of them ulcerating through the costal pleura of the left side.	

DEATHS BY SMALL POX, TYPHUS, ETC., SYPHILIS, MALFORMATION, HERNIA, DIABETES, STONE, CHILD BIRTH, DELIRIUM TREMENS, INTemperance, PRIVATION, WANT OF BREASTMILK, PURPURA, HÆMORRHAGE, HÆMATEMESIS, ETC.

<b>Small Pox:</b>	duration
NOTE.—It should be stated in all cases whether vaccination had been performed with effect.	
F. 5, small pox.	12 days
vaccinated about 4 years ago.	
small pox, confluent	36 days
variculous pleurisy, with effusion	15 days
M. 35, paracentesis thoracis	5 days
vaccinated when 9 years old, two small cicatrices.	
F. 22, small pox, confluent (unprotected)	14 days
M. 11 mon., small pox, followed by measles, 5 weeks	
inflammation of the lungs	*
M. 6 mon., small pox (1st attack)	9 days
not vaccinated.	
M. 6 mon., small pox (1st attack)	*
not vaccinated.	
M. 1, small pox	6 days
convulsions	2 hours
(not vaccinated)	
F. 2 mon., small pox	8 days
not vaccinated.	
F. 3, variola confluent	*
not previously vaccinated.	
M. 4, variola, confluent.	8 days
after vaccination.	
M. 10, small pox	*
after vaccination.	
F. 4, small pox	*
vaccinated without effect.	
M. 2, small pox	*
not vaccinated.	
F. under small pox	7 days
1 year, not vaccinated.	
M. 4, small pox	*
not vaccinated.	
M. 4 mon., small pox	10 days
not vaccinated.	
M. 5, variola (natural)	*
F. 15, variola (natural)	*
M. 1, variola	*
not vaccinated.	
M. 5 mon., small pox	4 days
not vaccinated.	
M. 6, small pox	1 week
not vaccinated.	
M. 21, confluent small pox	14 days
M. 7, small pox	1 week
not vaccinated.	
F. 30, confluent small pox	13 days
1st attack, not vaccinated.	
F. 2, small pox	9 days
not vaccinated.	
See Return of Small Pox Hospital.	

<b>Typhus, &amp;c. (continued):</b>	duration
<b>St. LUKE; City-road.</b>	
M. 1, fever—diarrhoea	7 days
F. 1, cyanche maligna	7 days
<b>CITY OF LONDON; South District.</b>	
M. 55, typhoid fever	14 days
F. 39, febris	10 days
<b>SHOREDITCH; Hoxton New Town.</b>	
F. 4, typhus	*
<b>Holywell and Moorfields.</b>	
M. 17, synochus	14 days
M. 7, fever	6 days
F. 5, malignant sore throat	*
<b>St. Leonard.</b>	
M. 1, fever—effusion on the brain	8 days
<b>Haggerstone West.</b>	
M. 6 mon., continued fever	5 weeks
<b>BETHNAL GREEN; The Green.</b>	
M. 6, fever	4 days
<b>WHITECHAPEL; Mile End, New Town.</b>	
F. 2, fever	*
<b>North District.</b>	
M. 67, typhus	*
M. 1, synochus—diarrhoea	*
F. 2, continued fever.	2 months
F. 69, synochus and infirmities of age	*
F. 28, typhus	*
<b>St. GEORGE IN THE EAST; St. Mary.</b>	
M. 6, typhus maligna	3 weeks
<b>St. John.</b>	
M. 61, fever—catarrh	*
M. 61, fever	*
F. 54, fever	*
<b>STEPNEY; Limehouse.</b>	
F. 26, typhus	14 days
<b>Mile End, Old Town (Upper).</b>	
F. 27, typhus	21 days
<b>Mile End, Old Town (Lower).</b>	
fever.	14 days
F. 5, small pox.	8 days
vaccinated in infancy.	
<b>POPLAR; Bow and Bromley.</b>	
M. 29, typhus	17 days
F. 16, hypertrophy	7 years
fever	14 days
<b>St. SAVIOUR; St. Saviour.</b>	
M. 38, typhus—bronchitis	*
<b>Christchurch.</b>	
M. 32, paralysis	several months
fever.	10 days
M. 9, typhus	3 weeks
bronchitis	*
<b>BERMONDSEY; The Leather Market.</b>	
F. 79, fever—debility	*
<b>St. Mary Magdalen.</b>	
M. 1, typhus	17 days
<b>St. James.</b>	
M. 56, pneumonia	6 days
typhus.	*
<b>St. GEORGE, SOUTHWARK; Kent Road.</b>	
F. 30, gastric fever	*
bronchitis.	14 days
F. 46, fever—pneumonia	*
<b>London Road.</b>	
M. 32, typhus	*
pneumonia	1 month
<b>St. MARY, NEWINGTON; St. Peter, Walworth.</b>	
M. 55, fever	*
F. 64, fever.	10 days
<b>LAMBETH; Church (1st part).</b>	
M. 26, typhus gravior	*
<b>Kennington (1st part).</b>	
F. 16, fever—convulsions	7 days
<b>Brixton.</b>	
F. 21, erysipelas	7 days
fever	7 days
<b>CAMBERWELL; Camberwell.</b>	
M. 64, typhus	*
<b>St. George.</b>	
M. 72, fever	*
<b>GREENWICH; St. Nicholas, Deptford.</b>	
M. 57, synochus	7 days
M. 60, typhus	9 days
<b>Greenwich West.</b>	
M. 26, typhus	5 weeks
(p.m.) ulceration and perforation of the bowels	*
<b>WANDSWORTH AND CLAPHAM; Clapham.</b>	
F. 69, English cholera	1 week
typhoid fever	3 days
<b>Streatham and Tooting.</b>	
F. 6, fever—bronchitis	*
See Hospital Returns.	

<b>Remittent Fever:</b>	duration
M. 4, remittent fever	*
M. 1, remittent fever	*
F. 1, remittent fever	1 month
bronchitis	2 weeks
F. 5, pertussis—remittent fever	4 weeks
convulsions	*
F. 2, remittent fever	7 days
<b>Syphilis:</b>	
F. 5 weeks, congenital syphilis.	
M. 3 mon., syphilis, secondary	3 months
<b>Malformation:</b>	
F. 1 mon., bowel impervious—(natural defect)	
(p.m.) inanition.	
M. 9 days, congenital malformation of the rectum.	
<b>Hernia:</b>	
F. 53, umbilical hernia	1 year
strangulated	35 hours
F. 56, crural hernia	*
strangulation	3 days
operation	30 hours
See Return of King's College Hospital.	
<b>Diabetes:</b>	
M. 29, diabetes, terminating in consumption	2 years
<b>Stone:</b> —No deaths registered from this cause.	
<b>Childbirth:</b> —The time elapsing from commencement of labour to death should invariably be returned.	
F. 22, puerperal fever	6 days
pleuro-pneumonia	4 days
F. 26, labour supervening before the symptoms were fully developed, terminated in 24 hours with a living child, at full period.	
F. 22, puerperal fever	*
F. 19, (post mort.), puerperal peritonitis	8 days
F. 26, puerperal peritonitis—gangrene	*
5 days after delivery.	
F. 32, from exhaustion 7 days after confinement, caused by long standing disease of liver and lungs.	
F. 37, miscarriage—peritonitis	10 days
F. 28 (inquest), natural; from puerperal convulsions before delivery	6 hours
F. 25, puerperal peritonitis	*
5 days after delivery.	
F. 24, puerperal peritonitis	3 days
7 days after labour.	
F. 31, hæmorrhage after labour	*
<b>Delirium Tremens:</b> —No deaths registered from this cause.	
<b>Intemperance:</b>	
M. 55 (inquest), intemperate use of spirituous liquors	*
M. 48 (inquest), disease of the lungs, with severe cough of long duration—drunk two days before death.	
diarrhoea	1 month
F. 56, bronchitis	5 days
(habitual intemperance)	
M. 53 (inquest), natural—accelerated by excessive drink	same day
M. 29, intemperance	*
delirium tremens	4 days
<b>Privation:</b>	
M. 1, tabes mesenterica	6 months
(aggravated by imperfect ventilation and improper food).	
See Return of St. Bartholomew's Hospital.	
<b>Want of Breast-milk:</b>	
M. 10 mon., inanition from want of breast-milk	*
F. 9 mon., atrophy from weaning	14 days
F. 4 mon., diarrhoea from want of breast-milk	2 months
F. 6 days, inanition	*
<b>Purpura:</b>	
M. 71, bronchitis—purpura	6 days
<b>Hæmorrhage:</b>	
M. 41, rupture of a blood vessel	*
<b>Hæmatemesis:</b>	
F. 23, gastritis—hæmatemesis	7 days
F. 54, hæmorrhage	12 days
melæna	*
<b>Miscellaneous Causes:</b>	
F. 15 mon., ulceration of groin, mortification of thigh and abdomen, from obnoxious effluvia at Dorset Place, Bride Street, Liverpool Road (the drainage made defective)	9 days
debility and emaciation	3 years
F. 29, cedema of lungs—relieved 10 days before death.	
granular disease of kidneys	*
M. 16, disease of the heart	*
(post mort.) suffocation from effusion into the thorax.	
M. 3, scarlet fever	*
(death accelerated by drinking cold water.)	
F. 37, polypos uteri	several years
(post mort.) ligature applied—death 7 days after.	

ANALYSIS OF CASES IN WHICH INQUESTS WERE HELD—Violence, 29; apoplexy, 4; intemperance, 3; disease of the heart, 2; bronchitis, 2; disease of the lungs, 2; convulsions, 2; other specified causes, 5; "natural death," "visitation of God," "found dead," &c., 12.—TOTAL, 61 cases.

THE NUMBER OF CASES IN WHICH IT IS RECORDED THAT A POST MORTEM EXAMINATION WAS MADE, IS 25.

METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH,

During the Week ending Saturday, 2nd October, 1847.

Day.	Phases of the Moon	Mean height of the Barometer, from 12 Observations, (corrected and reduced to 32 degrees Fahrenheit.)	Readings of Thermometers										Difference between the Dew Point Temperature and Air Temperature			Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 25 years	WIND							Mean Amount of Cloud, 0-10	Rain in inches, read at 6 o'clock the next morning
			Dry			Dew Point	In the sun, as shown by a self-register- ing Thermometer	Lowest on the grass, as shown by a self-register- ing Thermometer	In the Water of the Thames at Greenwich, by the self- registering Thermometer, read at 9 o'clock next morning		Mean of 12 Diffs.	Greatest	Least	General Direction			Pressure in lbs. on the square foot		Amount of Horizontal Movement of the Air in each day						
			High- est from 12 Obs.	Low- est from 12 Obs.	Mean from 12 Obs.	Mean from 12 Rits			Highest	Lowest				A.M.	P.M.		Greatest	Least		Mean of 12 Obs.					
SEPTEMBER,		in.	o	o	o	o	o	o	o	o	o	o	o	*	N.N.W. N. and N. by E.	N. by E. and Calm	lbs. 2'0	lbs. 0'0	lbs. 0'0	Miles 30	2'5	0'00			
SUN.	26						81'5	25'0	56'0	55'2															
MON.	27	30'155	59'8	38'0	46'8	39'3	81'6	24'0	55'5	54'8	7'5	16'9	0'8	- 8'4	Calm	N. by E. and Calm	0'0	0'0	0'0	10	1'5	0'00			
TUES.	28	30'201	58'5	33'5	48'2	41'0	70'0	31'5	54'8	54'8	7'2	13'3	1'0	- 6'3	Calm and N.E.	E.N.E. and E.	0'0	0'0	0'0	80	7'6	0'00			
WED.	29	30'215	60'5	43'5	52'5	44'8	78'0	39'0	54'8	54'8	7'7	14'0	1'2	- 1'9	Calm and E.S.E.	E. and E.N.E.	2'0	0'0	0'1	85	7'2	0'95			
THU.	30	30'103	58'6	50'3	53'5	45'3	82'5	42'5	54'8	54'8	8'2	13'3	4'8	- 0'1	Calm and N.E.	E.N.E. and Calm	2'3	0'0	0'1	105	9'2	0'00			
OCTOBER,																									
FRI.	1	29'935	65'8	50'5	55'6	50'7	82'8	48'4	54'8	54'8	4'9	10'8	2'2	+ 1'7	N. and N.N.E.	N. by E.	0'0	0'0	0'0	125	9'8	0'00			
SAT.	2	29'962	58'7	49'5	53'8	49'1	65'5	38'0	54'3	54'3	4'7	9'0	2'4	+ 0'2	Calm and N. by E.	N. by E.	0'0	0'0	0'0	105	10'0	0'00			
MEANS		30'095	60'3	44'2	51'7	45'0	77'4	35'5	55'0	54'8	6'7	12'9	2'1	- 2'5	E.					Sum 540	68	Sum 0'00			

DAY	ELECTRICITY	Circumstances accompanying the exhibition of Electricity	GENERAL REMARKS
SUN.	Nothing was shewn till 3h. p.m. Positive with moderate tension during the remainder of the day.		The sky was generally covered with cirrostratus and scud till 9h. a.m. Detached portions of cumuli were prevalent during the afternoon, and the sky was cloudless afterwards till midnight.
MON.	Nothing was shewn till noon; positive with variable tension afterwards till 10h. p.m. At midnight nothing was shewn.		The sky was generally clear throughout the day except between noon and 4h. p.m., during which interval of time portions of cirri and scud were prevalent.
TUES.	Nothing was shewn during the remainder of the week.		The sky was cloudless till 3h. a.m. and overcast with cirrostratus during the remainder of the day.
WED.			The amount of cloud was very variable till 7h. a.m., and the sky was overcast afterwards till noon. From noon till 6h. p.m. about one-half of the sky was covered, and it was overcast afterwards till midnight. The prevailing clouds were cirrostratus, cumulostratus and scud.
THURS.			The sky was overcast till noon, and about three-fourths of it were covered till 4h. p.m., and it overcast afterwards till midnight. The prevailing clouds were cirrostratus and scud.
FRID.			The sky was generally overcast with cirrostratus and scud throughout the day.
SAT.			The sky was overcast with cirrostratus and scud throughout the day.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The amount of clouds is estimated by considering a clear sky to be represented by 0, a cloudy sky by 10; and when partially cloudy by estimating the number of tenths of the whole sky covered with cloud. The observations are taken every two hours, day and night.

The readings of the two self-registering thermometers, the one placed in the full rays of the sun, and the other placed on grass fully exposed to the sky, are taken every morning at 9 A.M., and therefore exhibit the highest and lowest readings respectively, that have occurred in the previous 24 hours. They are, however, placed here opposite to the civil day which precedes that on which the thermometers are read.

Whewell's anemometer (from the indications of which the estimation of horizontal movement is made) is read at 10 A.M., and the result given is for the 24 hours preceding. It is placed here opposite to the civil day, which precedes that on which the anemometer is read.

The average temperature for 25 years is furnished by Mr. Henry, Assistant at the Royal Observatory, from the observations made at his residence in the neighbourhood of Greenwich Park.

\* In reading the 16th column, it will be borne in mind that + is read "higher," and - "lower," than the average.

The temperature of the water of the Thames is ascertained by the use of a self-registering thermometer, suspended from the side of the Dreadnought Hospital Ship, at the depth of about 2 feet below the surface. The readings of this instrument are registered under the superintendence of Lieutenant Sanders, R.N., Superintendent of the Dreadnought. The mean reading of a thermometer placed on the mainmast, and read each day at 6h. 30m. A.M., was 46'5; and the mean reading at 7h. 30m. P.M., was 52'5; the mean readings at the Royal Observatory for the same times were 46'2 and 51'5 respectively.

# Births and Deaths registered in London,

During the Week ending Saturday, October 9th, 1847.

ANNUAL SERIES VIII.]

PUBLISHED BY AUTHORITY OF THE REGISTRAR GENERAL.

[No. 41.]

Causes of Death	Age			Total	Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population	5 Autumns	Causes of Death.	Age			Total	Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population	5 Autumns
	0 to 15	15 to 60	60 and upwards					0 to 15	15 to 60	60 and upwards			
ALL CAUSES.....	497	329	196	1022	1046		IV.—Laryngitis .....	2	1	..	3	2	
SPECIFIED CAUSES.....	495	329	195	1019	1039		Quinsey .....	1	..	..	1	2	
I.—Zymotic Diseases .....	240	55	29	324	211		Bronchitis .....	15	4	9	28	39	
SPORADIC DISEASES—							Pleurisy .....	1	2	..	3	3	
II.—Dropsy, Cancer, and other Diseases of uncertain or variable Seat .....	57	26	13	96	104		Pneumonia .....	35	13	3	51	109	
III.—Diseases of the Brain, Spinal Marrow, Nerves and Senses ..	70	27	36	133	157		Hydrothorax .....	..	4	..	4	5	
IV.—Diseases of the Lungs, and of the other Organs of Respiration ..	69	125	21	215	333		Asthma .....	..	6	6	12	24	
V.—Diseases of the Heart and Blood-vessels .....	1	21	21	43	34		Phthisis (or Consumption) .....	13	91	1	105	134	
VI.—Diseases of the Stomach, Liver, and other Organs of Digestion ..	43	25	11	79	74		Disease of Lungs, &c. ....	2	4	2	8	16	
VII.—Diseases of the Kidneys, &c. ....	3	9	5	17	9		V.—Pericarditis.....	..	2	..	2	2	
VIII.—Childbirth, Diseases of the Uterus, &c. ....	..	18	..	18	14		Aneurism .....	..	..	2	2	1	
IX.—Rheumatism, Diseases of the Bones, Joints, &c. ....	2	6	..	8	7		Disease of Heart, &c. ....	1	19	19	39	31	
X.—Diseases of the Skin, Cellular Tissue, &c. ....	1	1	1	3	2		VI.—Teething.....	11	..	..	11	14	
XI.—Old Age .....	..	..	55	55	65		Gastritis .....	1	1	..	2	15	
XII.—Violence, Privation, Cold and Intemperance .....	9	16	3	28	29		Enteritis .....	5	2	1	8	3	
I.—Small Pox .....	25	3	..	28	15		Peritonitis .....	6	6	..	12	10	
Measles .....	52	..	..	52	36		Tabes Mesenterica.....	15	..	..	15	10	
Scarlatina .....	57	1	..	58	44		Worms .....	..	..	..	..	1	
Whooping Cough .....	19	..	..	19	32		Ascites .....	2	1	2	5	2	
Croup .....	7	1	..	8	8		Ulceration (of Intestines, &c.) ..	..	..	2	2	2	
Thrush .....	4	..	..	4	5		Hernia .....	..	..	1	1	2	
Diarrhoea .....	29	8	8	45	17		Colic or Ileus .....	..	1	..	1	2	
Dysentery .....	6	3	1	10	4		Intussusception .....	1	..	..	1	1	
Cholera .....	1	..	1	2	1		Stricture (of the Intestinal Canal) .....	..	..	1	1	1	
Influenza .....	1	..	..	1	3		Hæmatemesis .....	1	..	..	1	1	
Ague .....	..	..	..	..	1		Disease of Stomach, &c. ....	..	2	2	4	6	
Remittent Fever .....	..	..	..	..	1		Disease of Pancreas .....	..	..	..	..	1	
Typhus .....	28	35	16	79	36		Hepatitis .....	..	3	1	4	3	
Erysipelas .....	8	3	3	14	7		Jaundice .....	..	1	..	1	2	
Syphilis .....	3	1	..	4	2		Disease of Liver, &c. ....	1	8	1	10	10	
Hydrophobia .....	..	..	..	..	..		Disease of Spleen.....	..	..	..	..	2	
II.—Hæmorrhage .....	..	2	1	3	3		VII.—Nephritis.....	..	1	..	1	5	
Dropsy .....	3	3	5	11	24		Ischuria .....	..	..	..	..	1	
Abscess .....	1	2	..	3	2		Diabetes .....	..	..	..	..	1	
Noma .....	..	..	..	..	1		Cystitis .....	..	..	..	..	4	
Mortification .....	..	..	..	..	4		Stone .....	..	2	..	2	1	
Purpura .....	2	1	..	3	4		Stricture (of the Urethra) ..	..	..	..	..	1	
Scrofula .....	2	1	1	4	4		Disease of Kidneys, &c. ....	3	6	5	14	6	
Cancer .....	..	10	..	10	14		VIII.—Childbirth .....	..	13	..	13	9	
Tumour .....	..	..	..	..	5		Paramenia .....	..	..	..	..	3	
Gout .....	..	1	1	2	1		Ovarian Dropsy .....	..	1	..	1	1	
Atrophy .....	29	3	1	33	14		Disease of Uterus, &c. ....	..	4	..	4	3	
Debility .....	12	2	..	14	22		IX.—Arthritis .....	..	..	..	..	1	
Malformations .....	3	..	..	3	3		Rheumatism .....	1	3	..	4	4	
Sudden Deaths (including Coroners' Inquests, in which it is not shewn from what diseases or causes the persons died.)	5	1	4	10	13		Disease of Joints, &c. ....	1	3	..	4	4	
III.—Cephalitis .....	6	1	..	7	12		X.—Carbuncle .....	..	..	..	..	2	
Hydrocephalus .....	22	1	..	23	32		Phlegmon .....	..	..	..	..	2	
Apoplexy .....	2	6	20	28	23		Ulcer .....	..	..	1	1	8	
Paralysis .....	..	9	7	16	19		Fistula .....	..	1	..	1	4	
Convulsions.....	36	..	1	37	51		Disease of Skin, &c. ....	1	..	..	1	8	
Tetanus .....	..	..	..	..	4		XI.—Old Age .....	..	..	55	55	65	
Chorea .....	..	..	..	..	1		XII.—Intemperance .....	..	..	..	..	1	
Epilepsy .....	2	3	2	7	5		Privation.....	..	1	..	1	7	
Insanity .....	..	..	1	1	2		Violent Deaths .....	9	15	3	27	28	
Delirium Tremens.....	..	..	..	..	2		Causes not Specified.....	2	..	1	3	7	
Disease of Brain, &c. ....	2	7	5	14	11								

Weekly Average derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population	Males .....	528	Deaths registered in the Week	Males .....	495	Births registered in the Week	Males .....	605
	Females .....	518		Females .....	527		Females .....	636
	Total .....	1046		Total .....	1022		Total .....	1241

DISTRICTS OF LONDON,  
Comprising 135 Registrars' Districts.

	Area in square Miles	Population Enu- merated in 1841	Weekly Average derived from Deaths of 1842-6, and corrected for increase of Population	DEATHS registered in the Week	BIRTHS registered in the Week
			5 Autumns		
WEST DISTRICTS { Kensington; Chelsea; St. George, Hanover-square; Westminster; St. Martin } NORTH DISTRICTS { St. Marylebone; St. Pancras; Islington; Hackney; part of Edmonton, viz. Hampstead	17.2	301,326	146	141	163
CENTRAL DISTRICTS { St. Giles and St. George; Strand; Holborn; Clerkenwell; St. Luke; East } EAST DISTRICTS { Shoreditch; Bethnal Green; Whitechapel; St. George in the East; Stepney; } SOUTH DISTRICTS { St. Saviour; St. Olave; Bermondsey; St. George, Southwark; Newington; Lambeth; } Wandsworth and Clapham; Camberwell; Rotherhithe; Greenwich; Lewisham	20.5	376,396	184	199	226
	2.8	374,759	196	160	207
	8.8	393,247	232	254	312
	66.2	502,483	288	268	333
TOTALS	115.5	1,948,211	1046	1022	1241

Births and Deaths not caused by Violence, registered in the Metropolis in the last 13 weeks, with the Mean Temperature for the same periods.

	17th July	24th July	31st July	7th Aug.	14th Aug.	21st Aug.	28th Aug.	4th Sept.	11th Sept.	18th Sept.	25th Sept.	2nd Oct.	9th Oct.
BIRTHS	1182	1210	1324	1240	1232	1223	1222	1295	1277	1162	1260	1454	1241
DEATHS (except from Violence)	925	877	933	944	1080	1046	1059	1014	1012	1123	1022	1041	995
Deaths (except from Violence) at 60 yrs. & upwards	178	167	155	141	205	195	209	183	164	196	184	192	193
Diarrhoea	43	56	111	106	158	138	124	108	119	95	89	53	45
Typhus	64	57	54	55	70	62	74	77	81	111	77	79	79
Purpura	3	0	4	1	0	5	1	1	3	1	1	0	3
Mean Temperature	70.2	63.1	65.9	62.6	63.2	64.1	60.3	54.3	56.3	54.1	56.1	51.7	53.0

DEATHS from Purpura or from Scurvy in LONDON;—

YEARS	Quarters of 13 weeks each, ending in				Total in the Year
	March	June	Sept.	Dec.	
1842	3	5	4	4	16
1843	2	1	6	4	13
1844	5	3	7	6	21
1845	2	4	11	8	25
1846	5	9	9	5	28
1847	16	25	20		

DEATHS registered in LONDON, in corresponding series of weeks of eight years:—

No. of week.	35	36	37	38	39	40	41	Average of 7 weeks
1840	882	878	846	863	882	819	889	866
1841	812	893	901	881	907	840	834	867
1842	855	892	892	794	952	876	852	873
1843	934	905	940	1008	1068	1081	975	987
1844	810	927	855	869	944	973	1030	915
1845	846	773	851	785	869	867	797	828
1846	894	899	959	878	813	950	920	902
Average of 7 yrs	862	881	892	868	919	915	899	897
1847	1084	1051	1040	1169	1052	1143	1022	1080

The mortality of Wandsworth and Clapham, and that of Lewisham and sub-district of Hampstead, are included in this table throughout the eight years.

1	2	3	4
Specified Ages	Deaths registered last week in London	Deaths which would have been registered if the rate of mortality had been the same as in Dorsetshire, Sept. Quarters, 1838-44.	Excess of Mortality in London during the week
0-15	497	237	260
15-35	139	132	7
35-55	144	95	49
55 and upwards	242	150	92
All Ages	1022	614	408

EXTRACTS FROM THE METROPOLITAN RETURNS OF THE PREVIOUS WEEK, No. 40.

(The tabular abstract on the first page is for the week ending Saturday, Oct. 9th. The following selection of cases is made from the returns for the week ending Oct. 2nd.)

RETURNS OF VIOLENT DEATHS, MADE CHIEFLY BY CORONER.

Fractures and Contusions:—	duration	Fractures and Contusions (continued):—	duration	Wounds:—	duration
In St. George's Hospital, carpenter, 35 (post mort.), fracture of the skull—fell from a scaffold when at work, at a house in Grosvenor Square. .... 6 hours		M. 62, rupture of the bladder, from an accidental fall, whilst running. .... *		In St. George's Hospital, a sawyer, 36 (post mort.), peritonitis and pleurisy, after a wound on the left knee, which he struck with an axe, when at work, at Hampton. .... 5 days	
M. 37, injury to the head. .... 22 days		In Dreadnought Hospital, seaman, 59, injuries from broken ribs and left leg, from a case falling on him, whilst at work on board the "Severn," in the West India Docks. .... 5 days		F. 20, wound in the throat, extending to the cervical vertebrae—tripped over a box, when dancing across a room, and fell upon an earthenware basin upon the floor. .... 5 minutes	
(no inquest) meningitis. .... 8 days		In St. Bartholomew's Hospital, furrier, 46 (post mort.—inquest), mortification of both hands, arising from a bad state of health, accelerated by a fall down stairs, whilst intoxicated. .... 4 days		Labourer, 40, cut throat while insane—lived half an hour, having attempted in the interval to drown himself.	
In Charing Cross Hospital, call-boy of a steamboat, 14 (post mort.), fracture of the skull, from the boiler bursting of the "Cricket" steamboat, at Fox-under-the-Hill pier. .... 5 hours		M. 53, injuries to his head, accidentally caused by being thrown out of a cart. .... *		F. 31, cut throat with a razor, carelessly left by her paramour (of unsound mind). .... *	
M. 2, fell on his head from a loft—overbalanced himself when trying to catch a strawberry basket. .... same day		In St. George's Hospital, a pipemaker, 50 (post mort.), secondary deposit in the lungs, fracture of left thigh—kicked by one of two horses drawing an omnibus, having slipped and fallen, by striking the horse with a stick, when getting on the omnibus. .... 22 days		M. 52, suicide, by cutting his throat with a razor—insane. .... *	
Wife of a lampighter, 46, suicide by throwing herself from a window at the 2nd floor. .... *		In St. George's Hospital, M. 79 (post mort.), fractured ribs, penetrating left lung—knocked down and trampled on by the horses of an omnibus, at Knightsbridge. .... 19 hours		F. 36, cut her throat in a temporary state of insanity. .... *	
In King's College Hospital, 14 (post mort.), fracture of skull—fell from a scaffold when at work, at a house at Serl's Place. .... 5 days		Cabriolet driver, 36 (post mort.), fracture of the 4th cervical vertebra, causing suffocation—fell from the driving seat of a hackney cabriolet. .... 2 days		F. 26, cut her throat in a temporary state of insanity. .... immediate	
F. 82, died from the consequences of a fall upon her hip, happening at a very advanced period of life. .... *		In St. George's Hospital, son of a chair-maker, 5 (post mort.), fracture of the base of the skull—run over by the wheel of a brick cart, when sweeping the brick dust from under the cart—horse suddenly moving on. .... 10 days		F. 32, found dead in the River Thames, with an incised wound under the chin, and extravasation of blood under the scalp—immersed about 12 days.	
M. 44 (no inquest), compound dislocation of the elbow joint—erysipelas. .... 11 days		Son of a plumber, 4, accidental death, from the kick of a horse on his head. .... 4 days		Drowning:—	
In St. Bartholomew's Hospital, plasterer, 71, fracture of his left thigh, from accidentally slipping down. .... 10 weeks		In St. Bartholomew's Hospital, carman, 49 (post mort.), fracture of his skull, and laceration of his brain, by being thrown from a chaise-cart, the horse having taken fright. .... 18 hours		F. 23, suicide by drowning herself in the River Thames. .... *	
In St. Bartholomew's Hospital, carpenter, 66, bronchitis, arising from injury to his ribs, by falling from a ladder. .... 3 days		Warehouseman, 26, concussion of the brain, by falling out of a chaise, from the horse stumbling, in the Goswell Road. .... *		A hawker, 33 (post mort.), drowned—thrown into the River Thames, on the bursting of the boiler of the "Cricket" steamboat (when a passenger), at Fox-under-the-Hill pier. .... instant	
In St. Bartholomew's Hospital, wife of a clerk, 25, fracture of her right ankle; also internal injuries, caused by throwing herself from an upper window, in Gray's Inn Road (temporary insanity). .... 2 days		M. 3, accidental death—run over by a parcel cart. .... instantly		A hawker of fruit, 24, drowned—thrown into the River Thames, on the bursting of a boiler of the "Cricket" steamboat (when a passenger), at Fox-under-the-Hill pier. .... instant	
In London Hospital, chimney sweep, 32, accidental, by a fall from a roof to the ground. .... 6 weeks		Daughter of a hair-dresser, 5, laceration of some internal organ, from the wheel of a cart accidentally passing over the body. .... *		A watchmaker, 23, drowned—thrown into the River Thames, on the bursting of a boiler of the "Cricket" steamboat, in which he was a passenger, at Fox-under-the-Hill pier. .... instant	
In London Hospital, glazier, 18, accidental, by a fall on his head, through a skylight, at the Mint. .... same day		M. 63, rupture of a blood-vessel of the spinal column, by accidentally falling off a cart. .... 3 days		Engineer, 18 (post mort.), drowned—thrown into the River Thames, on the bursting of a boiler of the "Cricket" steamboat, in which he was a passenger, at Fox-under-the-Hill pier. .... instant	
M. 4, accidental death, by a fall out of a basket, carried on the shoulder. .... 11 days		M. 68, injuries received from being accidentally thrown from his cart—fracture of the base of the skull. .... instant		Tobacconist, 29 (post mort.), found drowned in the Regent's Canal—how the body came into the water unknown.	
F. 15 mon., natural death, accelerated by a fall, causing congestion. .... *		Waterman and lighterman, 27 (p.m.), rupture of a blood-vessel on the brain, produced by an accidental fall from the box seat of a cabriolet, when intoxicated. .... 3 days		Cabinet-maker, 24, drowned himself, by putting his head into a pail of water, being at the time of unsound mind. .... *	
M. 61 (post mort.), manslaughter against a male person unknown, effusion on the brain, from blows and falls.				M. 18, accidentally drowned, by falling from the brig "Meldon," into the River Thames.	
Merchant's clerk, 24, fractured skull—accidental fall out of a second floor window. .... 9 hours				M. 30, found dead in the Regent's Canal basin, without marks of violence, apparently drowned—immersed about. .... 12 hours	
Labourer, 39, death accelerated by a fall down stairs, accidentally, when in a weak state of body. .... *					
F. 2, water on the brain, from concussion, caused by an accidental fall against a door cell. .... 4 weeks					

**RETURNS OF VIOLENT DEATHS, MADE CHIEFLY BY CORONER (continued):—**

<i>Drowning (continued):—</i>	<i>duration</i>
A rigger, 63, accidental from drowning, having fallen from and together with a mast, from a vessel, in the River Thames .....	*
A male infant, found dead in the Regent's Canal .....	*
Son of a lighterman, 8, drowned by falling into the River Thames, whilst shoving a boat off, from a barge—under water.....	5 hours
M. 49, found drowned—how came into the water no sufficient evidence .....	*
Butcher, 57, drowned—no evidence how he came into the water .....	a few days
Wife of a plasterer, 32, drowned, but no evidence how she came into the water—under water about a week—body severely bruised before death.	
M. 32, apparently from drowning—no marks of violence—body decomposed.	
M. 27, accidentally drowned in the River Thames, by falling out of a barge.....	*
M. 19, accidentally drowned in the River Elbe, at Hamburg.	
Son of a mariner, 10, accidentally drowned whilst bathing in the River Thames .....	10 minutes
Soldier, 24, casually drowned in the Royal Arsenal Canal, whilst bathing .....	*
Son of a stoker, 13, accidentally drowned in the River Thames, at Woolwich .....	*
M. 16, accidentally drowned in the River Thames, by falling overboard from a brig .....	*
M. 2, accidentally drowned in a pond .....	*
M. 47, suicide by drowning—temporary insanity	*
A labourer, 40, apparently from drowning...	*
A clerk, 53, supposed from drowning.....	*
M. —, found in the River Ravensbourne.	
M. —, found in the River Thames.	
Sailor, 13, accidentally drowned .....	*
F. —, apparently from drowning—no evidence how caused—body much decomposed .....	*

<i>Drowning (continued):—</i>	<i>duration</i>
F. 24, suicide by drowning, whilst in a state of intoxication .....	*
Son of a labourer, 8, drowned accidentally in the River Thames, by falling off a wharf. 9 days	
Waterman, 43, accidentally drowned in the River Thames—collision between the boat the deceased was in, and a steamboat—underwater 6 days	
<i>Hanging and Suffocation:—</i>	
M. 1 (post mort.), suffocated by the face being accidentally pressed against the bed-clothes by his father, whilst asleep—found dead in bed.	
M. 7 wks., suffocated by turning accidentally on his face in bed—had weakness of the back.	
Carpenter, 72, suicide by hanging—of unsound mind.	
F. 44, suicide by hanging herself with a neck-erchief .....	*
Widow of a tobaccoist, 63, hanged herself by a cord to a hook in the wall (temporary insanity).....	a few minutes
Labourer, 51, hanged himself in a loft, being at the time of unsound mind .....	*
M. 55, hanged himself, in a temporary state of insanity .....	*
F. 5 wks., found dead in bed, apparently from suffocation, but without marks of violence.	
M. 10 wks., accidentally overlaid .....	*
Daughter of a labourer, 6, smothered by falling into a privy .....	*
M. 58, suicide by hanging—temporary derangement .....	*
M. 41, suicide by hanging—temporary derangement .....	*
M. 10 mon., smothered by accidentally falling into a privy .....	*
Soldier, 19, suicide by hanging—temporary insanity .....	*

<i>Burns and Scalds:—</i>	<i>duration</i>
F. 63, accidentally burnt in her bed room....	*
In London Hospital, sawyer's son, 4, accidental, from burns, by clothes catching fire .....	same day
In London Hospital, gardener's son, 4, accidental burns from clothes catching fire .....	1 day
Daughter of a labourer, 2, ulceration of the bowels from having been accidentally scalded on the breast with hot toast and water, by another child in the work-house.....	13 days
F. 2, accidentally scalded by falling into a saucepan of hot water.....	7 weeks

<i>Poison:—</i>	<i>duration</i>
M. 24, poisoned himself, not being in a sound state of mind .....	*
Wife of a hosier, 37, suicide with oxalic acid, after a fit of passion (not known if insane) 8 hours	
F. 72, the essential oil of bitter almonds taken, whether to destroy life or otherwise not ascertained.	
Son of an innkeeper, 2, accidentally killed by swallowing some corrosive poison .....	*
Wife of a cooper, 47—arsenic—wilful murder against the husband.	
F. 27, suicide by sulphuric acid, temporary insanity.	
Daughter of a shoemaker, 8 mon., from drinking a solution of saltpetre by chance.	
M. 50 (post mort.), died from having swallowed laudanum when of unsound mind, brought on by excessive drinking.....	28 hours
F. 42, natural death by poisoning—suspected by medicine.	

**SIXTEEN HOSPITALS.—CAUSES OF DEATHS (NOT VIOLENT) AS RETURNED BY THE MEDICAL OFFICERS.**

NOTE.—Deaths in hospitals from fractures, wounds, burns, scalds, poison, are not contained in this list. See deaths by violence.

<i>Consumption H:—</i>	<i>duration</i>
M. 31, phthisis .....	14 months
F. 33, phthisis .....	9 months
<i>St. George's H:—See Violent Deaths.</i>	
<i>Westminster H:—</i>	
M. 56, pleuro-pneumonia .....	*
<i>Charing Cross H:—</i>	
M. 17 (post mort.), acute rheumatism, followed by vegetations on the semilunar valves of the aorta, and on the mitral valves, with effusion in the thorax and abdomen—nutmeg liver .....	*
<i>See Violent Deaths.</i>	
<i>Middlesex H:—</i>	
M. 36, apoplexy .....	7 days
F. 33, cancer uteri .....	*
F. 38, puerperal peritonitis .....	3 days
<i>University College H:—</i>	
M. 30 { sub-acute peritonitis .....	36 days
(p.m.) { paracetesis .....	
(p.m.) { cirrhosis of liver .....	
M. 76, { calculus vesicae (lithotomy) .....	*
(p.m.) { erysipelas .....	
(p.m.) { albuminuria .....	9 months
M. 48, { morbus cordis—ascites .....	*
(p.m.) { paracetesis—peritonitis .....	4 days
(p.m.) { menorrhagia .....	*
(p.m.) { chronic pleurisy .....	*
(p.m.) { pneumonia .....	*
(p.m.) { apoplexy .....	43 hours
(p.m.) { extravasation of blood into pons varolii, in the brain—granular degeneration of both kidneys.	

<i>Royal Free H:—No deaths registered.</i>	<i>duration</i>
<i>Fever H:—</i>	
M. 15 (post mort.), dysentery .....	12 days
in hospital 7 days.	
<i>Small Pox H:—</i>	
M. 22, small pox, confluent, modified.....	12 days
vaccinated in infancy, one superficial cicatrix.	
<i>King's College H:—</i>	
<i>See Violent Deaths.</i>	
<i>St. Bartholomew's H:—</i>	
M. 24, exhaustion consequent from long continued suppuration of the thigh .....	*
M. 67, extensive disease of the bladder .....	*
M. 27, chronic abscess of the thigh .....	*
F. 61 (inquest), apoplexy .....	6 hours
F. 33 (post mort.), encephalitis—abscess of the cerebrum.	
F. 26, bronchitis with emphysema and anasarca—chronic endocarditis.....	*
F. 34, supposed ramollissement of the brain ..	*
<i>See Violent Deaths.</i>	
<i>London H:—</i>	
M. 53, erysipelas of face and head .....	5 days
M. 19, dyspnoea .....	*
M. 54, bronchitis .....	*
F. 24, obstruction in the bowels .....	*
F. 16, diseased ankle .....	*
F. 58, abscesses .....	*
<i>See Violent Deaths.</i>	

<i>St. Thomas' H:—</i>	<i>duration</i>
F. 30, fever—chronic bronchitis .....	*
F. 24, hemiplegia .....	2 years
eruption and oppression of brain, ending in coma, 2 days after admission.	
M. 25, phthisis .....	1½ year
M. 27, typhus .....	*
died in 4 hours after admission.	
M. 63, diseased liver—scurvy—diarrhoea .....	16 weeks
<i>Guy's H:—</i>	
M. 47, malignant disease of the bronchial glands, 6 months	
M. 42, fever—dysentery .....	*
M. 41 (post mort.), stricture (operation).....	*
abscess in the pelvis extending down the thighs.	
F. 51, phthisis .....	*
F. 19, phthisis—gastro enteritis .....	10 weeks
F. 2, scarlatina—malignant sore throat .....	*
F. 28, fever .....	8 days
M. 45, phthisis .....	*
M. 50, general dropsy .....	*
M. 3, pneumonia .....	*
<i>Royal Ordnance H:—No deaths registered.</i>	
<i>Dreadnought H:—</i>	
M. 37 (post mort.), dysentery—the whole of the colon one mass of ulceration; the ulcers deep, irregular, and many covered with ash-colored sloughs.	
M. 57 (post mort.), aneurism of the arch of the aorta, bursting into the pericardium at the root of the right auricle—partial adhesion of the pericardium.	
M. 17, fever—erysipelas of the face, extending to the scalp .....	3 days
<i>See Violent Deaths</i>	

**DEATHS BY SMALL POX, SYPHILIS, MALFORMATION, HERNIA, DIABETES, STONE, CHILDBIRTH, DELIRIUM TREMENS, INTemperance, PRIVATION, WANT OF BREASTMILK, PURPURA, HEMORRHAGE, HEMATEMESIS, ETC.**

<i>Small Pox:—</i>	<i>duration</i>
NOTE.—It should be stated in all cases whether vaccination had been performed with effect.	
M. 2, variola .....	9 days
F. 1, variola, confluent .....	10 days
not vaccinated.	
M. 4 mon., small pox (1st attack) .....	7 days
not vaccinated.	
F. 1, small pox .....	7 days
vaccinated successfully when 3 months old.	
F. 2, variola .....	5 days
not vaccinated.	
F. 6 mon., confluent small pox .....	7 days
not vaccinated.	
F. 5, small pox .....	*
F. 4, confluent small pox .....	*
F. 2, confluent small pox .....	10 days
not vaccinated.	
F. 1, confluent small pox .....	1 month
without previous vaccination.	
F. 4, small pox .....	*
after vaccination.	
M. 5, small pox .....	7 days
not vaccinated.	
F. 5, small pox .....	7 days
without previous vaccination.	
F. 9 mon., { small pox, natural (1st attack).....	7 days
(p.m.) { pneumonia .....	4 days
not vaccinated.	
F. 2, small pox, natural .....	*
M. 7, variola .....	3 weeks
vaccinated without effect.	
F. 2, natural death, supposed small pox.....	*
no medical attendant.	

*See Return of Small Pox Hospital.*

<i>Syphilis:—</i>	<i>duration</i>
M. 4 mon., infantile syphilis .....	2 months
<i>Malformation:—</i>	
M. 12 days, spina bifida.	
M. 3 weeks, { deformity.	
(p.m.) { tabes mesenterica .....	17 days

<i>Hernia:—</i>	<i>duration</i>
M. 75, strangulated hernia .....	*
<i>Diabetes:—No deaths registered from this cause.</i>	
<i>Stone:—</i>	
<i>See Return of University College Hospital.</i>	
<i>Childbirth:—The time elapsing from commencement of labour to death should invariably be returned.</i>	
F. 36, childbirth .....	*
F. 31, { childbirth .....	5 days
(p.m.) { inflammation of the uterus .....	*
F. 21, childbirth .....	*
F. 36, { typhus .....	3 weeks
(p.m.) { childbirth (still born child).....	10 days
<i>See Return of Middlesex Hospital.</i>	
<i>Delirium Tremens:—</i>	
M. 38, { pleuro-pneumonia .....	5 days
(p.m.) { delirium tremens .....	3 days
F. 38, delirium tremens .....	9 months
F. 46, delirium tremens .....	2 weeks

<i>Intemperance:—</i>	<i>duration</i>
M. 59 (inquest), spirituous liquors taken incessantly to produce intoxication ..	for many weeks
F. 37, diarrhoea .....	5 weeks
with exhaustion of constitutional powers, by using spirits and morphia as stimulants for many years.	
M. 40 (inquest), natural death; delirium tremens resulting from excessive drinking of ardent spirits .....	*
F. 45, diseased liver, from excessive drinking	*
Widow 48, (inquest), inflammation of the brain induced by intemperance .....	*
M. 44 (post mort., inquest), died from exhaustion, produced by a fit of intoxication ..	2 hours
M. 36 (post mort., inquest), chronic inflammation of the liver, brought on by the excessive use of ardent spirits.....	*

<i>Privation:—</i>	<i>duration</i>
F. 64 (post mort., inquest), disease of the lungs, accelerated from the want of proper sustenance and attention .....	some months
<i>Want of Breast-milk:—</i>	
M. 3 mon., deprived of natural nourishment, the mother having died.	
F. 2 days, inanition—want of breast-milk.	
F. 3 days, inanition—jaundice.	
<i>Purpura:—No deaths registered from this cause.</i>	
<i>Hæmorrhage:—</i>	
M. 55 (inquest), rupture of a blood-vessel near the heart .....	sudden death
M. 73, { paralysis .....	20 years
(p.m.) { hæmorrhage .....	6 days
M. 33 (inquest), natural, sudden, from a rupture of a blood-vessel on the lungs.	
Wife of a coal-dealer, 64 (inquest), natural; hæmorrhage from the rupture of a blood-vessel of the lungs in the act of coughing, 2 minutes	
<i>Hæmatemesis:—</i>	
F. 59, hæmatemesis .....	*
<i>Miscellaneous Causes:—</i>	
M. 6 (post mort.), apoplexy—diseased brain—brain congested, clot of blood in the right lateral ventricle, a small clot also in the left; the cerebellum diseased, and its upper surface covered with extravasated blood.	
M. 31 (post mort.), diseased kidneys—morbus Brightii, with suppression of urine, producing suspension of the functions of the brain, and organic nervous system.....	6 days
F. 46 (post mort.), disease of stomach—peritonitis .....	12 hours
perforation of stomach—deposit of lymph over omentum—contents of stomach over peritoneum.	
M. 57, eclampsia .....	9 years
M. 2 (inquest), natural death from mortification, arising from a blister .....	3 weeks
7; intemperance, 5; enteritis, 3; convulsions, 3; "found dead," &c., 39.—TOTAL, 198 cases.	

ANALYSIS OF CASES IN WHICH INQUESTS WERE HELD.—Violence, 99; apoplexy, 17; disease of the heart, 7; intemperance, 5; enteritis, 3; convulsions, 3; disease of the brain, 2; hæmorrhage, 3; privation, 1; other specified causes, 19; "natural death," "visitation of God," "found dead," &c., 39.—TOTAL, 198 cases.

THE NUMBER OF CASES in which it is recorded that a POST MORTEM EXAMINATION was made, is 44.

METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH,

During the Week ending Saturday, 9th October, 1847.

Day.	Phases of the Moon	Mean height of the Barometer, from 12 Observations, (corrected and reduced to 32 degrees Fahrenheit.)	Readings of Thermometers										Difference between the Dew Point Temperature and Air Temperature			WIND							Mean Amount of Cloud, 6-10	Rain in inches, read at 9 o'clock the next morning																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
			Dry			Dew Point Mean from 12 Rts	Highest in the sun, as shown by a self-register- ing Thermometer	Lowest on the grass, as shown by a self-register- ing Thermometer	In the Water of the Thames at Greenwich, by the self- registering Thermometer, read at 9 o'clock next morning		Mean of 12 Days.	Greatest	Least	Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 25 years	General Direction		Pressure in lbs. on the square foot			Amount of Horizontal Movement of the Air in each day																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
			High- est from 12 Obs.	Low- est from 12 Obs.	Mean from 12 Obs.				Highest	Lowest					A.M.	P.M.	Greatest	Least	Mean of 12 Obs.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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DAY	ELECTRICITY	Circumstances accompanying the exhibition of Electricity	GENERAL REMARKS
SUN.			The sky was principally overcast throughout the day with cirrostratus and scud, with occasional gleams of sunshine.
MON.			The sky was covered with cirrostratus and scud till noon, when the clouds became broken for a short time: the sky remained cloudy during the remainder of the day.
TUES.			The sky was overcast till about 10h. a.m., after which it became partially clear, and remained so till midnight.
WED.			The sky was cloudless till 5h. a.m.; at this time a thick fog came up, and lasted till about 10h. a.m., after which the sky became partially clouded. At 4h. p.m. a shower of rain fell. About 8h. p.m. several flashes of lightning were seen in the S.E., followed soon after by a heavy rain, which lasted about two hours, and during which 0.24 in. fell.
THURS.			The amount of cloud varied continually till about noon, when the sky became quite overcast, and heavy rain fell; the clouds cleared off about 2h. p.m., and the sky remained cloudless till midnight. Several flashes of sheet lightning were seen in the N.E. about 8h. p.m.
FRID.			The sky was cloudless till 8h. a.m., and afterwards remained partially clear till 6h. p.m., when it became completely covered with cirrostratus and scud.
SAT.			The sky was overcast throughout the day with cirrostratus and scud; a light rain of short duration fell about 8h. a.m., and at 10h. p.m. heavy rain commenced falling.

During this week no electricity has been shewn, except at times when heavy rain was falling, during which negative electricity was exhibited, and about noon on the 8th day, when a small quantity of positive electricity was shewn.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The amount of clouds is estimated by considering a clear sky to be represented by 0, a cloudy sky by 10; and when partially cloudy by estimating the number of tenths of the whole sky covered with cloud. The observations are taken every two hours, day and night.

The readings of the two self-registering thermometers, the one placed in the full rays of the sun, and the other placed on grass fully exposed to the sky, are taken every morning at 9 A.M., and therefore exhibit the highest and lowest readings respectively, that have occurred in the previous 24 hours. They are, however, placed here opposite to the civil day which precedes that on which the thermometers are read.

Whewell's anemometer (from the indications of which the estimation of horizontal movement is made) is read at 10 A.M., and the result given is for the 24 hours preceding. It is placed here opposite to the civil day, which precedes that on which the anemometer is read.

The average temperature for 25 years is furnished by Mr. Henry, Assistant at the Royal Observatory, from the observations made at his residence in the neighbourhood of Greenwich Park.

\* In reading the 16th column, it will be borne in mind that + is read "higher," and - "lower," than the average.

The temperature of the water of the Thames is ascertained by the use of a self-registering thermometer, suspended from the side of the Dreadnought Hospital Ship, at the depth of about 2 feet below the surface. The readings of this instrument are registered under the superintendence of Lieutenant Sanders, R.N., Superintendent of the Dreadnought. The mean reading of a thermometer placed on the mainmast, and read each day at 6h. 30m. A.M., was 49.3; and the mean reading at 7h. 30m. P.M., was 53.0; the mean readings at the Royal Observatory for the same times were 49.4 and 52.0 respectively.

† The air was very nearly in a calm state during the first four days of the week, the air being in very gentle motion. The direction of the wind has been variable.

# Births and Deaths registered in London,

During the Week ending Saturday, October 16th, 1847.

ANNUAL SERIES VIII.]

PUBLISHED BY AUTHORITY OF THE REGISTRAR GENERAL.

[No. 42.]

Causes of Death	Age			Total	Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population	5 Autumns	Causes of Death.	Age			Total	Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population	5 Autumns
	0 to 15	15 to 60	60 and upwards					0 to 15	15 to 60	60 and upwards			
ALL CAUSES.....	421	324	207	*953	1046		IV.—Laryngitis .....	1	..	1	2	2	
SPECIFIED CAUSES.....	419	322	207	*949	1039		Quinsey .....	..	2	..	2	2	
I.—Zymotic Diseases .....	221	60	28	309	211		Bronchitis .....	11	5	11	27	39	
SPORADIC DISEASES—							Pleurisy .....	1	4	1	6	3	
II.—Dropsy, Cancer, and other Diseases of uncertain or variable Seat .....	33	30	18	81	104		Pneumonia .....	29	9	6	44	109	
III.—Diseases of the Brain, Spinal Marrow, Nerves and Senses ..	63	22	26	*112	157		Hydrothorax .....	..	1	2	3	5	
IV.—Diseases of the Lungs, and of the other Organs of Respiration ..	57	120	47	224	333		Asthma .....	..	4	12	16	24	
V.—Diseases of the Heart and Blood-vessels .....	2	12	10	24	34		Phthisis (or Consump- tion) .....	9	94	10	113	134	
VI.—Diseases of the Stomach, Liver, and other Organs of Digestion ..	35	34	22	91	74		Disease of Lungs, &c. ....	6	1	4	11	16	
VII.—Diseases of the Kidneys, &c. ....	1	7	6	14	9		V.—Pericarditis.....	..	4	..	4	2	
VIII.—Childbirth, Diseases of the Uterus, &c. ....	..	21	..	21	14		Aneurism .....	..	1	..	1	1	
IX.—Rheumatism, Diseases of the Bones, Joints, &c. ....	1	7	1	9	7		Disease of Heart, &c. ....	2	7	10	19	31	
X.—Diseases of the Skin, Cellular Tissue, &c. ....	1	1	2	4	2		VI.—Teething.....	8	..	..	8	14	
XI.—Old Age .....	..	..	46	46	65		Gastritis .....	..	..	..	..	15	
XII.—Violence, Privation, Cold and Intemperance .....	5	8	1	14	29		Enteritis .....	6	3	..	9	3	
I.—Small Pox .....	19	1	..	20	15		Peritonitis .....	1	4	..	5	10	
Measles .....	56	..	..	56	36		Tabes Mesenterica.....	15	..	..	15	1	
Scarlatina .....	52	3	..	55	44		Worms .....	..	..	..	..	2	
Whooping Cough .....	15	..	..	15	32		Ascites .....	..	1	2	3	2	
Croup .....	7	..	..	7	8		Ulceration (of Intestines, &c.).....	..	4	2	6	2	
Thrush .....	3	..	..	3	5		Hernia .....	..	3	1	4	2	
Diarrhoea .....	24	2	5	31	17		Colic or Ileus .....	1	1	2	4	2	
Dysentery .....	1	2	3	6	4		Intussusception .....	1	..	..	1	1	
Cholera .....	2	..	..	2	1		Stricture (of the Intestinal Canal) .....	..	1	..	1	1	
Influenza .....	..	..	..	..	3		Hæmatemesis.....	1	1	2	4	1	
Ague .....	..	2	..	2	1		Disease of Stomach, &c. ....	2	2	6	10	6	
Remittent Fever.....	..	1	1	2	1		Disease of Pancreas .....	..	..	..	..	1	
Typhus .....	35	41	17	93	36		Hepatitis .....	..	2	2	4	3	
Erysipelas .....	4	8	2	14	7		Jaundice .....	..	3	1	4	2	
Syphilis .....	3	..	..	3	2		Disease of Liver, &c. ....	..	9	4	13	10	
Hydrophobia .....	..	..	..	..	..		Disease of Spleen.....	..	..	..	..	2	
II.—Hæmorrhage .....	..	3	..	3	3		VII.—Nephritis.....	..	..	..	..	5	
Dropsy .....	3	8	6	17	24		Ischuria .....	1	..	2	3	1	
Abscess .....	1	1	..	2	2		Diabetes .....	..	..	..	..	1	
Noma .....	1	..	..	1	1		Cystitis .....	..	..	..	..	4	
Mortification .....	..	..	2	2	4		Stone .....	..	..	..	..	1	
Purpura .....	..	1	..	1	4		Stricture (of the Urethra) ..	..	..	..	..	1	
Scrofula .....	3	2	..	5	4		Disease of Kidneys, &c. ....	..	7	4	11	6	
Cancer .....	..	9	4	13	14		VIII.—Childbirth .....	..	21	..	21	9	
Tumour .....	..	..	..	..	5		Paramenia .....	..	..	..	..	3	
Gout .....	..	1	..	1	1		Ovarian Dropsy .....	..	..	..	..	1	
Atrophy .....	13	2	1	16	14		Disease of Uterus, &c. ....	..	..	..	..	3	
Debility .....	8	2	..	10	22		IX.—Arthritis .....	..	1	..	1	1	
Malformations .....	3	..	..	3	3		Rheumatism .....	..	3	1	4	4	
Sudden Deaths (including Coroners' Inquests, in which it is not shewn from what diseases or causes the persons died.)	1	1	5	7	13		Disease of Joints, &c. ....	1	3	..	4	4	
III.—Cephalitis .....	8	4	1	13	12		X.—Carbuncle .....	..	..	..	..	2	
Hydrocephalus .....	20	..	..	20	32		Phlegmon .....	..	..	1	1	2	
Apoplexy .....	..	5	10	15	23		Ulcer .....	..	..	..	..	8	
Paralysis .....	..	5	10	15	19		Fistula .....	..	1	..	1	4	
Convulsions.....	31	..	..	31	51		Disease of Skin, &c.....	1	..	1	2	8	
Tetanus .....	..	..	..	..	4		XI.—Old Age .....	..	..	46	46	65	
Chorea .....	..	..	..	..	1		XII.—Intemperance .....	..	1	..	1	1	
Epilepsy .....	..	1	1	2	5		Privation .....	..	..	..	..	7	
Insanity .....	..	..	..	..	2		Violent Deaths .....	5	7	1	13	28	
Delirium Tremens.....	..	3	1	4	2		Causes not Specified.....	2	2	..	4	7	
Disease of Brain, &c. ....	4	4	3	*12	11								

Weekly Average derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population	Males .....	528	Deaths registered in the Week	Males .....	471	Births registered in the Week	Males .....	620
	Females .....	518		Females .....	482		Females .....	634
	Total .....	1046		Total .....	953		Total .....	1254

\* The age of 1 person, whose death is ascribed to disease of the brain, is not stated.

DISTRICTS OF LONDON, Comprising 135 Registrars' Districts.		Area in square Miles	Population Enume- rated in 1841	Weekly Average derived from Deaths of 1842-6, and corrected for Increase of Population 5 Autumns	DEATHS registered in the Week	BIRTHS registered in the Week
WEST DISTRICTS	{ Kensington; Chelsea; St. George, Hanover-square; Westminster; St. Martin in the Fields; St. James .....	17.2	301,326	146	136	177
NORTH DISTRICTS	{ St. Marylebone; St. Pancras; Islington; Hackney; part of Edmonton, viz. Hampstead	20.5	376,396	184	163	247
CENTRAL DISTRICTS	{ St. Giles and St. George; Strand; Holborn; Clerkenwell; St. Luke; East London; West London; City of London .....	2.8	374,759	196	179	205
EAST DISTRICTS	{ Shoreditch; Bethnal Green; Whitechapel; St. George in the East; Stepney; Poplar .....	8.8	393,247	232	216	274
SOUTH DISTRICTS	{ St. Saviour; St. Olave; Bermondsey; St. George, Southwark; Newington; Lambeth; Wandsworth and Clapham; Camberwell; Rotherhithe; Greenwich; Lewisham	66.2	502,483	288	259	351
TOTALS .....		115.5	1,948,211	1046	953	1254

Births and Deaths not caused by Violence, registered in the Metropolis in the last 13 weeks, with the Mean Temperature for the same periods.

	24th July	31st July	7th Aug.	14th Aug.	21st Aug.	28th Aug.	4th Sept.	11th Sept.	18th Sept.	25th Sept.	2nd Oct.	9th Oct.	16th Oct.
BIRTHS.....	1210	1324	1240	1232	1223	1222	1295	1277	1162	1260	1454	1241	1254
DEATHS (except from Violence).....	877	933	944	1080	1046	1059	1014	1012	1123	1022	1041	995	940
Deaths (except from Violence) at 60 yrs. & upwards.....	167	155	141	205	195	209	183	164	196	184	192	193	206
Diarrhoea.....	56	111	106	158	138	124	108	119	95	89	53	45	31
Typhus.....	57	54	55	70	62	74	77	81	111	77	79	79	93
Purpura.....	..	4	1	..	5	1	1	3	1	1	..	3	1
Mean Temperature.....	63.1	65.9	62.6	63.2	64.1	60.3	54.3	56.3	54.1	56.1	51.7	53.0	54.8

DEATHS from Purpura or from Scurvy in LONDON;—

YEARS	Quarters of 13 weeks each, ending in				Total in the Year
	March	June	Sept.	Dec.	
1842	3	5	4	4	16
1843	2	1	6	4	13
1844	5	3	7	6	21
1845	2	4	11	8	25
1846	5	9	9	5	28
1847	16	25	20		

DEATHS registered in LONDON, in corresponding series of weeks of eight years:—

No. of week..	36	37	38	39	40	41	42	Average of 7 weeks
1840	878	846	863	882	819	889	860	862
1841	893	901	881	907	843	837	802	866
1842	892	892	794	952	873	849	891	878
1843	905	940	1008	1068	1083	977	1133	1016
1844	927	855	869	944	974	1031	908	930
1845	773	851	785	869	867	797	782	818
1846	899	959	878	813	949	919	835	893
Average of 7 yrs	881	892	868	919	915	900	887	895
1847	1051	1040	1169	1052	1143	1022	953	1061

The mortality of Wandsworth and Clapham, and that of Lewisham and sub-district of Hampstead, are included in this table throughout the eight years.

1	2	3	4
Specified Ages	Deaths registered last week in London	Deaths which would have been registered if the rate of mortality had been the same as in Dorsetshire, Dec. Quarters, 1838-44.	Excess of Mortality in London during the week
0-15	421	255	166
15-35	140	125	15
35-55	146	100	46
55 and upwards	245	179	66
All Ages	953	659	294

## EXTRACTS FROM THE METROPOLITAN RETURNS OF THE PREVIOUS WEEK, No. 41.

(The tabular abstract on the first page is for the week ending Saturday, Oct. 16th. The following selection of cases is made from the returns for the week ending Oct. 9th.)

### RETURNS OF VIOLENT DEATHS, MADE CHIEFLY BY CORONER.

NOTE.—The cases of violence not returned by the Coroner, have the words “no inquest.”

Fractures and Contusions:—	duration	Fractures and Contusions (continued):—	duration	Drowning (continued):—	duration
In Middlesex Hospital, widow, 72 (no inquest), fracture of the neck of the thighbone, from a fall .....	14 days	F. 25 (no inquest), injury of the liver by lifting, followed by peritonitis .....	*	M., person unknown, 7, drowned by falling out of a boat, into the East-County Dock, accidentally (under water about 20 minutes).	
In St. Thomas' Hospital, labourer, 28 (post mort.), concussion of the brain, caused by falling down a shaft of a tunnel, on a new line of railway, at Blackheath .....	15 hours	In St. Thomas' Hospital, son of a shepherd, 14, fracture of his left leg, by slipping into a threshing machine, at Chipstead, Surrey ..	20 days	Hanging:— Commission merchant, 60, suicide by hanging —of unsound mind.	
F. 68, rupture of a bloodvessel of the brain—manslaughter against James Bruce, by throwing her down .....	*	Extraction of a tooth:— F. 37, natural death, from congestion of the vessels of the brain, producing fits, after the extraction of a tooth .....	*	M. 52, suicide by hanging himself—delirium tremens, resulting from habits of intemperance.	
M. 42, fractured ribs, apparently from pressure on the chest, his body being found partly hanging over his crib—but how caused unknown .....	*	Drowning:— Daughter of a labourer, 18, found dead in the Regent's Canal, without marks of violence.		Burns and Scalds:— Son of a carman, 3, effects of accidental burns ..	*
In Charing Cross Hospital, carman, 49, mortification, following amputation of the right thigh, which was crushed by the tailboard of a cart, laden with stones, on the cart tilting back, 20 days amputation .....	6 days	F., person unknown, newly-born, found dead, without marks of violence, in the Regent's Canal.		F. 2, scalds by a saucepan of boiling water falling from a fire, a poker having been withdrawn from under it, by a child aged 6 years .....	24 days
In St. Thomas' Hospital, carrier, 50 (post mort.), rupture of the small intestine, and some large bloodvessels in the abdomen, from being run over by an omnibus, in the Borough High Street .....	44 hours	M. 8, found drowned.		In Guy's Hospital, daughter of a labourer, 1, scalded by upsetting a pot of hot coffee over herself (at Dockhead) .....	26 hours
M. 45, accidental death, by a fall from a cart, which he was driving .....	instant	M. 12, accidentally drowned, whilst bathing in the River Lea.		Son of a gilder, 1, accidental scald on the neck and chest .....	10 days
F. 33, manslaughter against her husband, William Joseph Clifton.—By what means?		F. 18, found dead, without marks of violence—apparently drowned.		Poison:— Daughter of a confectioner, 16 (post mort.), arsenic taken by herself, but without intention to destroy life .....	about 8 hours
		M. 19, accidentally drowned, by throwing himself out of a boat, being alarmed at the approach of a steamboat (under water 4 ds.).		Bootmaker, 48, suicidewitharsenic—of unsound mind .....	*
		Apprentice seaman, 15, accidentally drowned, by falling out of a ship's boat, into the Surrey Canal Dock (under water 20 min.).			

### SIXTEEN HOSPITALS.—CAUSES OF DEATHS (NOT VIOLENT) AS RETURNED BY THE MEDICAL OFFICERS.

NOTE.—Deaths in hospitals from fractures, wounds, burns, scalds, poison, are not contained in this list. See deaths by violence.

Consumption H:—	duration	Charing Cross H:—	duration	Royal Free H:—	duration
M. 36, phthisis .....	11 months	M. 56 (post mort.), phthisis pulmonalis—cirrhosis of the liver—Bright's disease of the kidney .....	*	M. 42, { disease of heart, lungs, and kidneys in hospital 1 month.	*
St. George's H:—		F. 3 mon. (inquest—post mort.), natural—inflammation of the mucous membrane of the colon .....	*	M. 15, { typhus .....	*
M. 2, inflammation of the lungs .....	*	See Violent Deaths.		F. 55, { erysipelas .....	*
M. 23 (post mort.), disease of the lungs, and diabetes .....	*	Middlesex H:—		Small Pox H:—	
Westminster H:—		F. 44, anasarca .....	1 year	M. 19, small pox, confluent (unprotected) .....	13 days
F. 33, hepatic ascites .....	months	University College H:—		F. 26, small pox, confluent (unprotected) .....	12 days
M. 55 (post mort.), gastro-intestinal fever ..	7 days	F. 36 (inquest), extravasation of blood on the brain, produced by a natural cause .....	*	{ small pox, confluent .....	7 days
M. 19 (post mort.), phthisis pulmonalis .....	months			F. 27, { said to have been vaccinated at Wal- lingworth—no cicatrix.	

# SIXTEEN HOSPITALS.—CAUSES OF DEATH (NOT VIOLENT) AS RETURNED BY THE MEDICAL OFFICERS (continued):—

Fever H.:—	duration
M. 17, { fever . . . . .	about 40 days
(post mort.) { relapse . . . . .	4 days
M. 60, { ulcers in ileum, in progress of healing . . . . .	about 14 days
(post mort.) { typhus . . . . .	in hospital 7 days.
M. 63, { typhus . . . . .	about 15 days
(post mort.) { in hospital 8 days.	
F. 76, { extensive ulceration of the right leg 9 or 10 yrs.	
{ fever . . . . .	7 days
M. 19, { in hospital 27 days.	
F. 16, typhus . . . . .	3 weeks
{ fever . . . . .	16 days
F. 46, { pus in the knee-joint—suppuration	
(post mort.) { beneath the pectoralis major muscle, in hospital 13 days.	

King's College H.:—	duration
F. 12, { cyananche tonsillaris . . . . .	7 days
{ laryngitis . . . . .	36 hours
F. 17, { morbus cordis . . . . .	1 year
{ dropsy . . . . .	1 month

St. Bartholomew's H.:—	duration
M. 60, disease of bladder and urethra . . . . .	*
M. 14, phthisis . . . . .	*
M. 35 (post mort.), chronic hepatitis—rheumatic affection of aortic and mitral valves of heart . . . . .	*

DEATHS BY SMALL POX, TYPHUS, ETC., SYPHILIS, MALFORMATION, HERNIA, DIABETES, STONE, CHILDBIRTH, DELIRIUM TREMENS, INTEMPERANCE, PRIVATION, WANT OF BREASTMILK, PURPURA, HÆMORRHIAGE, HÆMATEMESIS, ETC.

Small Pox:—	duration
NOTE.—It should be stated in all cases whether vaccination had been performed with effect.	
F. 5, { variola . . . . .	3 weeks
{ vaccinated 13 days before with effect.	
M. 3, small pox . . . . .	11 days
M. 4, variola . . . . .	*
F. 3, variola . . . . .	*
M. 7 weeks, small pox (without previous vaccination) . . . . .	14 days
M. 1, small pox . . . . .	about 11 days
first attack—vaccinated with effect 1 year before . . . . .	
M. 6, small pox . . . . .	9 days
first attack—not vaccinated . . . . .	*
M. 3, small pox . . . . .	*
vaccinated a year ago without effect . . . . .	
M. 4 mon., small pox (not vaccinated) . . . . .	*
F. 2, confluent small pox (not vaccinated) . . . . .	1 week
M. 4, small pox (not vaccinated) . . . . .	8 days
M. 3, small pox (not vaccinated) . . . . .	*
M. 1, small pox . . . . .	11 days
first attack—not vaccinated . . . . .	
M. 1, variola . . . . .	11 days
first attack—not vaccinated . . . . .	
M. 1, confluent small pox (after cow pox) . . . . .	12 days
{ small pox (natural—first attack—not vaccinated) . . . . .	8 days
F. 1, { pneumonia . . . . .	4 days
{ small pox (18 months after vaccination) pneumonia . . . . .	12 days
F. 9, variola—pneumonia . . . . .	3 days
M. 2, small pox (not vaccinated) . . . . .	*
M. 8 mon., variola . . . . .	10 days
vaccinated without effect . . . . .	*
M. 2, small pox (vaccinated) . . . . .	10 days
F. 3, variola . . . . .	10 days
vaccinated without effect . . . . .	
M. 8 mon., small pox (not vaccinated) . . . . .	*
F. 3, small pox (not vaccinated) . . . . .	7 days
M. 11 mon., { febris . . . . .	6 days
{ small pox . . . . .	6 days
vaccinated at 10 months without effect . . . . .	

Typhus, &c.	duration
KENSINGTON; TOWN.	
M. 72, synochus . . . . .	14 days
CHELSEA; South.	
F. 3, { inflammatory fever . . . . .	3 days
{ pneumonia . . . . .	8 hours
North West.	
F. 73, fever . . . . .	1 week
St. GEORGE; Hanover-square.	
M. 40, typhoid fever . . . . .	*
St. MARTIN-IN-THE-FIELDS; Charing Cross.	
M. 59, typhus . . . . .	5 weeks
M. 70, typhus . . . . .	6 weeks
St. MARLYBONE; All Souls.	
F. 13, typhus . . . . .	12 days
The Rectory.	
M. 5, fever . . . . .	*
M. 12, continued fever . . . . .	*
St. John's.	
F. 31, { low fever . . . . .	3 weeks
{ chronic diarrhoea . . . . .	*
St. PANCRAS; Tottenham.	
F. 14, typhus . . . . .	about 2 weeks
Somers Town.	
F. 5, { typhus . . . . .	7 days
{ delirium . . . . .	*
ISLINGTON; West.	
M. 10, low fever . . . . .	18 days
St. GILES-IN-THE-FIELDS; South.	
M. 10, typhus . . . . .	*
F. 7 mon., fever . . . . .	1 month
St. George, Bloomsbury.	
M. 4, { fever . . . . .	2 days
{ fits . . . . .	3 hours
STRAND; St. Clement Dances.	
F. 5, { synocha . . . . .	3 weeks
{ meningitis . . . . .	*
HOLBORN; St. George the Martyr.	
M. 60, fever . . . . .	7 days
St. Andrew (East).	
F. 50, fever . . . . .	14 days
rupture of a blood-vessel on the brain.	
EAST LONDON; St. Botolph.	
F. 15, typhus . . . . .	3 weeks

London H.:—	duration
M. 72, renal disease . . . . .	2 years
M. 37, { consumption . . . . .	11 months
{ paralysis . . . . .	3 months
F. 2, extensive phagedenic sloughing of pudenda, from syphilis . . . . .	3 months
St. Thomas' H.:—	duration
M. 42, diseased heart (worse 7 days) . . . . .	*
F. 49, fever . . . . .	19 days
F. 25, { anasarca . . . . .	*
{ morbus Brightii . . . . .	4 months
M. 49, { old disease of rectum and bladder . . . . .	*
{ sank under diarrhoea . . . . .	*
M. 42, fever . . . . .	*

Guy's H.:—	duration
M. 57, pneumonia . . . . .	5 days
M. 45, { stone in the bladder . . . . .	*
{ operation . . . . .	*
F. 30, pneumonia—phthisis . . . . .	*
F. 21, ascites—anasarca . . . . .	*
F. 66, diseased heart—dropsy . . . . .	*

See Violent Deaths.

Typhus, &c. (continued):—	duration
WEST LONDON; South.	
M. 74, febris and gastritis . . . . .	*
CITY OF LONDON; South West.	
M. 69, { typhus . . . . .	3 weeks
{ erysipelas vesicular . . . . .	2 weeks
South.	
F. 86, gastric fever . . . . .	1 week
St. LEONARD; Hoxton New Town.	
M. 46, typhus—ulceration of the bowels . . . . .	*
M. 47, typhoid fever . . . . .	*
F. 8, fever . . . . .	3 weeks
SHOREDITCH; Holywell and Moorfields.	
F. 10, fever and dropsy . . . . .	3 weeks
Haggerstone, East.	
M. 19, typhus . . . . .	2 weeks
Haggerstone, West.	
F. 19, typhus . . . . .	3 weeks
F. 55, fever . . . . .	*
F. 65, typhoid fever . . . . .	*
BETHNAL GREEN; The Green.	
F. 10, febris—phthisis . . . . .	*
F. 49, { typhus . . . . .	5 weeks
{ erysipelas . . . . .	5 days
The Church.	
F. 4, { fever . . . . .	11 weeks
{ phthisis . . . . .	2 weeks
The Town.	
F. 54, exhaustion in typhus . . . . .	2 weeks
WHITECHAPEL; Mile End, New Town.	
F. 1, typhus—diarrhoea . . . . .	*
North.	
M. 70, synochus and infirmities of age . . . . .	*
M. 1, synochus and diarrhoea . . . . .	*
F. 52, typhus . . . . .	10 days
F. 51, synochus . . . . .	*
Church.	
M. 3 mon., febris . . . . .	3 months
St. GEORGE-IN-THE-EAST; St. Paul.	
M. 52, fever and erysipelas . . . . .	7 days
St. Mary.	
M. 21, typhus . . . . .	4 weeks
F. 16, typhus . . . . .	3 weeks
F. 5 mon., { fever . . . . .	5 days
{ convulsions . . . . .	6 hours
STEPNEY; Limehouse.	
M. 57, typhus . . . . .	10 days
Ratcliffe.	
F. 74, fever . . . . .	*
F. 4, { fever . . . . .	1 month
{ convulsions . . . . .	*
STEPNEY; Mile End (Old Town Lower).	
M. 21, typhus . . . . .	2 weeks
POPLAR; Poplar.	
F. 20, typhus . . . . .	16 days
St. SAVIOUR; St. Saviour.	
M. 3, fever . . . . .	*
F. 1, fever . . . . .	*
F. 19, fever—peritonitis . . . . .	*
Christchurch.	
M. 22, fever . . . . .	8 days
BERMONDSEY; St. Mary Magdalen.	
F. 66, fever . . . . .	1 month
St. James.	
M. 43, { continued fever . . . . .	*
{ pleuritis . . . . .	3 weeks
St. GEORGE, SOUTHWARK; The Borough Road.	
F. 1, { diarrhoea . . . . .	5 weeks
{ typhus—convulsions . . . . .	*
LAMBETH; Waterloo (first part).	
M. 13, { fever . . . . .	3 weeks
{ pneumonia . . . . .	3 weeks
Lambeth Church (first part).	
M. 13, typhus . . . . .	3 days
Lambeth Church (second part).	
M. 57, febris . . . . .	10 days
Kennington (first part).	
M. 14, fever . . . . .	3 weeks
CAMBERWELL; St. George.	
M. 6, typhus . . . . .	14 days
M. 21, fever . . . . .	9 days
GREENWICH; St. Paul's, Deptford.	
F. 33, { fever . . . . .	4 days
{ convulsions . . . . .	1 day
F. 62, fever . . . . .	10 days

Royal Ordnance H.:—	duration
M. 23, consumption . . . . .	39 days
M. 18, { pericarditis . . . . .	in hospital 2 days.
(post mort.) { in hospital 2 days.	
M. 43 (post mort.), consumption . . . . .	6 months
M. 21, { fistula . . . . .	*
{ consumption . . . . .	21 days
Dreadnought H.:—	duration
M. 18 (post mort.), typhus—ulceration of Peyer's glands . . . . .	*
M. 16 (post mort.), inflammation of brain—dura mater adherent to skull—surface of brain extremely congested—bloody points numerous and large—brain softened in parts . . . . .	*
M. 50 (post mort.), scurvy—lungs of a very dark purple, and gorged with serum—cavity of abdomen filled with dark-coloured serum—intestines and omentum dark purple, very rotten; and muscles of abdomen of a dark livid hue, visible through the peritoneum, giving it a slate-coloured sodden appearance . . . . .	*
M. 40, { abscess of liver . . . . .	*
(post mort.) { secondary depositions of pus in the lungs . . . . .	*
Typhus, &c. (continued):—	duration
GREENWICH; Woolwich Arsenal.	
F. 5, common continued fever . . . . .	4 days
WANDSWORTH, ETC.; Streatham, &c.	
F. 67, fever—disorganization of lungs more than 2 weeks	
See Hospital Returns.	
NOTE.—Under typhus in the tabular abstract, a case of "enlarged parotid gland" was placed, for the sake of convenience.	
Syphilis:—	duration
F. 7 wks., syphilis . . . . .	*
F. 27, syphilis . . . . .	*
F. 15 wks., { syphilis . . . . .	congenital
{ diarrhoea . . . . .	6 weeks
See Return of London Hospital.	
Malformation:—	duration
M. 8 days, congenital malformation of the heart . . . . .	*
M. 9 days, spina bifida . . . . .	*
F. 3 mon., spina bifida . . . . .	*
Hernia:—	duration
F. 87, strangulated hernia . . . . .	*
Diabetes:—No deaths registered from this cause.	duration
See Return of St. George's Hospital.	
Stone:—	duration
F. 56, renal calculi—nephritis . . . . .	*
See Return of Guy's Hospital.	
Childbirth:—The time elapsing from commencement of labour to death should invariably be returned.	duration
F. 41, inflammation in connexion with the uterus, after childbirth . . . . .	4 days
F. 28, puerperal peritonitis . . . . .	3 days
F. 23, childbirth fever . . . . .	12 days
F. 25, puerperal fever . . . . .	4 days
F. 23, adynamic fever, with abortion . . . . .	19 days
F. 23, { childbirth . . . . .	8 days
{ malignant and gangrenous inflammation of the vagina and vulva . . . . .	6 days
F. 30, childbirth—rupture of uterus during labour . . . . .	3 hours
F. 24, puerperal fever . . . . .	5 days
F. 30, puerperal fever . . . . .	5 days
F. 24, { puerperal convulsions . . . . .	32 hours
(post mort.) { childbirth . . . . .	12 hours
F. 27, puerperal peritonitis . . . . .	3 days
F. 36 (post mort.), puerperal fever . . . . .	31 hours
F. 27, puerperal peritonitis . . . . .	*
Hypertrophy of Heart and Childbirth:—	duration
F. 35, { hypertrophy of the heart . . . . .	*
{ premature labour . . . . .	5 months
died 5 days after delivery . . . . .	
Uterine disease and Childbirth:—	duration
F. 41, { uterine disease . . . . .	5 years
{ delivery . . . . .	42 hours
premature labour and exhaustion . . . . .	
Delirium Tremens:—No deaths registered from this cause.	duration
Intemperance:—No deaths registered from this cause.	duration
Privation:—	duration
In St. Paul's, Deptford, F. 34, cholera, induced by want of food . . . . .	*
Want of Breast-milk:—	duration
F. 3 mon., tabes, resulting from loss of natural support, by death of mother from phthisis . . . . .	2 months
F. 6 wks., atrophy from want of breast-milk . . . . .	6 weeks
Purpura:—	duration
M. 4 mon., { purpura . . . . .	9 hours
{ strumous constitution . . . . .	*
M. 1, purpura . . . . .	*
See Return of Dreadnought Hospital.	
Hæmorrhage: Hæmatemesis:—	duration
M. 63, hæmorrhage from the lungs . . . . .	*
F. 32 (inquest), natural death, sudden, from rupture of a vessel in the lungs . . . . .	*
M. 39, ruptured blood-vessel in the stomach . . . . .	1 month
F. 1, hæmatemesis . . . . .	5 weeks
Miscellaneous Causes:—	duration
F. 2, typhoid scarlet fever—petechiæ—sphacelus of upper and lower jaw . . . . .	*
{ enlarged parotid gland . . . . .	*
F. 4, { suppuration—anaemia . . . . .	26 days
{ exhaustion . . . . .	7 days
M. 1, { enlarged thymus gland . . . . .	3 days
(post mort.) { condensation of lungs . . . . .	3 days
M. 28, { necrosis tibiae . . . . .	12 years
(post mort.) { tetanus . . . . .	8 days
M. 78, rupture of urethra, and extravasation of urine . . . . .	*

Query. The result of injury?—Violence, 25; apoplexy, 5; pulmonary apoplexy, 1; rupture of vessel in the lungs, 1; disease of the heart, 2; other specified causes, 12; "found dead," "natural death," "visitation of God," &c., 9.—TOTAL, 55 cases.

THE NUMBER OF CASES IN WHICH IT IS RECORDED THAT A POST MORTEM EXAMINATION WAS MADE, IS 41.

METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH,

During the Week ending Saturday, 16th October, 1847.

Day.  —  1847	Phases  of the  Moon	Mean height of the Barometer, from 12 Observations, (corrected and reduced to 32 degrees Fahrenheit.)	Readings of Thermometers										Difference between the mean Dew Point Temperature and Air Temperature			Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 25 years	WIND						Mean Amount of Cloud, 0-10	Rain in inches, read at 5 o'clock the next morning
			Dry			Dew Point	Highest in the sun, as shown by a self-register- ing Thermometer	Lowest on the grass, as shown by a self-register- ing Thermometer	In the Water of the Thames at Greenwich, by the self- registering Thermometer, read at 9 o'clock next morning		Mean of 12 Diffs.	Greatest	Least	General Direction			Pressure in lbs. on the square foot		Amount of Horizontal Movement of the Air in each day					
			Highest from 12 Obs.	Low- est from 12 Obs.	Mean from 12 Obs.	Mean from 12 Rits			Highest	Lowest				A.M.	P.M.		Greatest	Least		Mean of 12 Obs.				
OCTOBER,		in.	o	o	o	o	o	o	o	o	o	o	o	S. and S. by W.	S. by W. and S.	lbs.	lbs.	lbs.	Miles					
SUN.	10						66.0	43.0	54.2	54.2														
MON.	11		29.754	64.5	53.5	57.9	54.0	75.0	41.0	54.2	54.2	3.9	9.9	1.4	+ 4.1	S. and S. by W.	S. and Calm	0.0	0.0	0.0	25	6.8	0.02	
TUES.	12		29.749	73.0	50.5	58.9	55.7	91.2	51.5	54.5	54.5	3.2	12.6	0.0	+ 6.3	Calm	Calm and S.S.E.	0.0	0.0	0.0	25	6.5	0.00	
WED.	13		29.780	63.0	51.0	56.1	53.6	76.0	44.5	55.5	55.0	2.5	8.1	0.0	+ 4.7	E. by N. and Calm	E. by N. and Calm	0.0	0.0	0.0	105	8.7	0.01	
THU.	14		29.708	54.0	49.6	51.4	47.4	60.5	41.0	54.8	54.5	4.0	7.0	1.2	+ 1.1	Calm and N.E.	E.N.E.	2.3	0.0	0.1	160	10.0	0.00	
FRI.	15	Greatest S. declination	29.655	54.5	47.0	51.2	47.8	62.5	35.5	54.0	54.0	3.4	5.8	0.2	+ 0.6	E. by N.	E. and Calm	2.5	0.0	0.0	40	8.5	0.00	
SAT.	16		29.845	64.0	45.5	53.0	51.0	77.8	49.5	54.0	54.0	2.0	8.8	0.2	+ 2.8	Calm and E.N.E.	E.N.E. and Calm	0.0	0.0	0.0	40	9.3	0.01	
MEANS			29.749	62.2	49.5	54.8	51.6	72.7	43.7	54.5	54.3	3.2	8.7	0.5	+ 3.3	†					Sum 515	8.5	Sum 0.05	

DAY	ELECTRICITY	Circumstances accompanying the exhibition of Electricity	GENERAL REMARKS
SUN.	Nothing was shewn during the day.		The sky was generally overcast throughout the day. The prevailing clouds were cirrostratus and scud. Rain was falling at intervals during the morning.
MON.	Positive and tension moderate from 2h. p.m. to 10h. p.m. Nothing was shewn at any other times.		About three-fourths of the sky were covered till 8h. p.m., and it was nearly clear afterwards till midnight. Cirrostratus and scud were the prevailing clouds. Rain was falling occasionally during the morning.
TUES.	Positive and tension variable till 8h. p.m. Nothing was shewn afterwards.		The sky was cloudless till 2h. a.m., and about one-half covered till 8h. p.m. Overcast from 8h. p.m. till midnight. Cirrostratus, fleecy clouds, and scud were the prevailing clouds.
WED.	Nothing was shewn during the day.		Overcast till 2h. p.m.; from that time till 6h. p.m. the sky was mostly clear, and overcast afterwards till midnight. Cirrostratus was the prevailing cloud.
THURS.	Nothing was shewn during the day.		The sky was overcast throughout the day. Cirrostratus was the prevailing cloud.
FRID.	Nothing was shewn till noon. During the remainder of the day positive, with moderate tension.		Overcast till 8h. p.m., and nearly cloudless afterwards till midnight. Cirrostratus and scud were the prevailing clouds.
SAT.	Positive and tension moderate at 1h. and 3h. a.m., and at 4h. p.m. Nothing was shewn at any other times.		Generally overcast throughout the day with cirrostratus and scud.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The amount of clouds is estimated by considering a clear sky to be represented by 0, a cloudy sky by 10; and when partially cloudy by estimating the number of tenths of the whole sky covered with cloud. The observations are taken every two hours, day and night.

The readings of the two self-registering thermometers, the one placed in the full rays of the sun, and the other placed on grass fully exposed to the sky, are taken every morning at 9 A.M., and therefore exhibit the highest and lowest readings respectively, that have occurred in the previous 24 hours. They are, however, placed here opposite to the civil day which precedes that on which the thermometers are read.

Whewell's anemometer (from the indications of which the estimation of horizontal movement is made) is read at 10 A.M., and the result given is for the 24 hours preceding. It is placed here opposite to the civil day, which precedes that on which the anemometer is read.

The average temperature for 25 years is furnished by Mr. Henry, Assistant at the Royal Observatory, from the observations made at his residence in the neighbourhood of Greenwich Park.

\* In reading the 16th column, it will be borne in mind that + is read "higher," and — "lower," than the average.

The temperature of the water of the Thames is ascertained by the use of a self-registering thermometer, suspended from the side of the Dreadnought Hospital Ship, at the depth of about 2 feet below the surface. The readings of this instrument are registered under the superintendence of Lieutenant Sanders, R.N., Superintendent of the Dreadnought. The mean reading of a thermometer placed on the mainmast, and read each day at 6h. 30m. A.M., was 51.3; and the mean on the mainmast on Tuesday at 2h. p.m. was 71°.

† The direction of the wind for the week has been variable; the air has been in very gentle motion.

# Births and Deaths registered in London,

During the Week ending Saturday, October 23d, 1847.

ANNUAL SERIES VIII.]

PUBLISHED BY AUTHORITY OF THE REGISTRAR GENERAL.

[No. 43.]

Causes of Death	Age			Total	Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population	5 Autumns	Causes of Death	Age			Total	Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population	5 Autumns
	0 to 15	15 to 60	60 and upwards					0 to 15	15 to 60	60 and upwards			
ALL CAUSES.....	473	322	170	*967	1046		IV.—Laryngitis.....	2	1	..	3	2	
SPECIFIED CAUSES.....	471	322	170	*965	1039		Quinsey.....	1	..	..	1	2	
I.—Zymotic Diseases.....	216	53	27	296	211		Bronchitis.....	10	8	13	*32	39	
SPORADIC DISEASES—							Pleurisy.....	1	3	..	4	3	
II.—Dropsy, Cancer, and other Diseases of uncertain or variable Seat.....	53	26	16	95	104		Pneumonia.....	44	12	3	59	109	
III.—Diseases of the Brain, Spinal Marrow, Nerves and Senses.....	75	26	31	132	157		Hydrothorax.....	1	1	2	4	5	
IV.—Diseases of the Lungs, and of the other Organs of Respiration.....	73	132	27	*233	333		Asthma.....	..	4	5	9	24	
V.—Diseases of the Heart and Blood-vessels.....	..	23	11	34	34		Phthisis (or Consumption).....	11	101	1	113	134	
VI.—Diseases of the Stomach, Liver, and other Organs of Digestion.....	46	27	14	87	74		Disease of Lungs, &c.....	3	2	3	8	16	
VII.—Diseases of the Kidneys, &c.....	1	7	2	10	9		V.—Pericarditis.....	..	1	..	1	2	
VIII.—Childbirth, Diseases of the Uterus, &c.....	..	13	..	13	14		Aneurism.....	..	..	..	..	1	
IX.—Rheumatism, Diseases of the Bones, Joints, &c.....	..	4	1	5	7		Disease of Heart, &c.....	..	22	11	33	31	
X.—Diseases of the Skin, Cellular Tissue, &c.....	1	2	..	3	2		VI.—Teething.....	8	..	..	8	14	
XI.—Old Age.....	..	..	38	38	65		Gastritis.....	..	..	..	..	15	
XII.—Violence, Privation, Cold and Intemperance.....	6	9	3	*19	29		Enteritis.....	7	2	..	9	3	
I.—Small Pox.....	37	6	..	43	36		Peritonitis.....	3	5	..	8	10	
Measles.....	54	..	..	54	44		Tabes Mesenterica.....	20	..	..	20	1	
Scarlatina.....	41	1	..	42	32		Worms.....	2	..	..	2	1	
Whooping Cough.....	14	..	..	14	8		Ascites.....	..	3	3	6	2	
Croup.....	10	..	..	10	5		Ulceration (of Intestines, &c.).....	..	..	..	..	2	
Thrush.....	2	..	..	2	17		Hernia.....	..	2	1	3	2	
Diarrhoea.....	24	1	8	33	4		Colic or Ileus.....	..	1	2	3	2	
Dysentery.....	2	1	1	4	1		Intussusception.....	..	1	..	1	1	
Cholera.....	..	..	..	..	3		Strangulated Hernia.....	..	1	..	1	1	
Influenza.....	..	..	..	..	3		Hæmatemesis.....	..	..	..	..	1	
Ague.....	..	1	..	1	1		Disease of Stomach, &c.....	1	3	4	8	6	
Remittent Fever.....	1	2	..	3	1		Disease of Pancreas.....	..	..	..	..	1	
Typhus.....	28	35	15	78	36		Hepatitis.....	1	4	2	7	3	
Erysipelas.....	1	5	3	9	7		Jaundice.....	2	..	..	2	2	
Syphilis.....	2	1	..	3	2		Disease of Liver, &c.....	2	6	2	10	10	
Hydrophobia.....	..	..	..	..	..		Disease of Spleen.....	..	..	..	..	2	
II.—Hæmorrhage.....	..	..	1	1	3		VII.—Nephritis.....	1	..	..	1	5	
Dropsy.....	1	7	6	14	24		Ischuria.....	..	..	..	..	1	
Abscess.....	1	..	..	1	2		Diabetes.....	..	1	..	1	1	
Noma.....	1	..	..	1	1		Cystitis.....	..	..	..	..	4	
Mortification.....	..	..	1	1	4		Stone.....	..	..	..	1	1	
Purpura.....	1	..	..	1	4		Stricture (of the Urethra).....	..	1	..	1	1	
Scrofula.....	2	2	..	4	4		Disease of Kidneys, &c.....	..	4	2	6	6	
Cancer.....	..	14	5	19	14		VIII.—Childbirth.....	..	11	..	11	9	
Tumour.....	..	..	..	..	5		Paramenia.....	..	..	..	..	3	
Gout.....	..	..	1	1	1		Ovarian Dropsy.....	..	..	..	..	1	
Atrophy.....	24	..	..	24	14		Disease of Uterus, &c.....	..	2	..	2	3	
Debility.....	17	1	..	18	22		IX.—Arthritis.....	..	..	..	..	1	
Malformations.....	2	..	..	2	2		Rheumatism.....	..	3	1	4	4	
Sudden Deaths (including Coroners' Inquests, in which it is not shewn from what diseases or causes the persons died.)	4	2	2	8	13		Disease of Joints, &c.....	..	1	..	1	4	
III.—Cephalitis.....	7	3	..	10	12		X.—Carbuncle.....	..	1	..	1	2	
Hydrocephalus.....	28	1	..	29	32		Phlegmon.....	..	1	..	1	2	
Apoplexy.....	3	9	14	26	23		Ulcer.....	..	..	..	..	8	
Paralysis.....	..	6	11	17	19		Fistula.....	..	..	..	..	4	
Convulsions.....	29	..	..	29	51		Disease of Skin, &c.....	1	..	..	1	8	
Tetanus.....	..	..	..	..	4		XI.—Old Age.....	..	..	38	38	65	
Chorea.....	..	..	..	..	1		XII.—Intemperance.....	..	1	1	2	1	
Epilepsy.....	2	2	3	7	5		Privation.....	1	..	..	1	7	
Insanity.....	..	1	..	1	2		Violent Deaths.....	5	8	2	*16	28	
Delirium Tremens.....	..	2	..	2	2		Causes not Specified.....	2	..	..	2	7	
Disease of Brain, &c.....	6	2	3	11	11								

Weekly Average derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population	5 Autumns.		Deaths registered in the Week	5 Autumns.		Deaths registered in the Week	5 Autumns.		Births registered in the Week	5 Autumns.		Births registered in the Week
	Males.....	528		Males.....	481		Males.....	650		Males.....	650	
	Females.....	518		Females.....	486		Females.....	607		Females.....	607	
	Total.....	1046		Total.....	967		Total.....	1257		Total.....	1257	

\* The ages of 2 persons, whose deaths are ascribed respectively to bronchitis and violence, are not stated.

# DISTRICTS OF LONDON, Comprising 135 Registrars' Districts.

	Area in square Miles	Population Enume- rated in 1841	Weekly Average derived from Deaths of 1842-6, and corrected for increase of Population 5 Autumns	DEATHS registered in the Week	BIRTHS registered in the Week
WEST DISTRICTS { Kensington; Chelsea; St. George, Hanover-square; Westminster; St. Martin } in the Fields; St. James	17.2	301,336	146	151	175
NORTH DISTRICTS { St. Marylebone; St. Pancras; Islington; Hackney; part of Edmonton, viz. Hampstead	20.5	376,396	184	170	215
CENTRAL DISTRICTS { St. Giles and St. George; Strand; Holborn; Clerkenwell; St. Luke; East } London; West London; City of London	2.8	374,759	196	171	222
EAST DISTRICTS { Shoreditch; Bethnal Green; Whitechapel; St. George in the East; Stepney; } Poplar	8.8	393,247	232	215	288
SOUTH DISTRICTS { St. Saviour; St. Olave; Bermondsey; St. George, Southwark; Newington; Lambeth; } Wandsworth and Clapham; Camberwell; Rotherhithe; Greenwich; Lewisham	66.2	502,483	288	260	357
TOTALS	115.5	1,948,211	1046	967	1257

Births and Deaths not caused by Violence, registered in the Metropolis in the last 13 weeks, with the Mean Temperature for the same periods.

	31st July	7th Aug.	14th Aug.	21st Aug.	28th Aug.	4th Sept.	11th Sept.	18th Sept.	25th Sept.	2nd Oct.	9th Oct.	16th Oct.	23rd Oct.
BIRTHS	1324	1240	1232	1223	1222	1295	1277	1162	1260	1454	1241	1254	1257
DEATHS (except from Violence)	922	844	1080	1046	1060	1011	1012	1122	1023	1041	995	940	951
Deaths (except from Violence) at 60 yrs. & upwards	155	141	205	195	209	183	164	196	184	192	193	200	168
Diarrhoea	111	106	158	138	124	108	119	95	89	53	45	31	33
Typhus	54	55	70	62	74	77	81	111	77	79	79	93	78
Purpura	4	1	0	5	1	1	3	1	1	0	3	0	1
Mean Temperature	65.9	62.6	63.2	64.1	60.3	54.3	56.3	54.1	56.1	51.7	53.0	54.8	53.5

DEATHS registered in LONDON, in corresponding series of weeks of eight years:—

No. of week.	37	38	39	40	41	42	43	Average of 7 weeks
1840	846	868	882	819	889	860	891	864
1841	901	881	907	843	837	802	819	856
1842	892	794	952	873	849	891	992	892
1843	940	1008	1068	1083	977	1133	1143	1050
1844	855	869	944	974	1031	908	948	933
1845	851	785	869	807	797	782	785	819
1846	959	878	813	949	919	835	896	893
Average of 7 yrs	892	868	919	915	900	887	925	901
1847	1040	1169	1052	1143	1022	953	967	1049

of Hampstead, are included in this table throughout the eight years.

DEATHS from Purpura or from Scurvy in LONDON;—

YEARS	Quarters of 13 weeks each, ending in				Total in the Year
	March	June	Sept.	Dec.	
1842	3	5	4	4	16
1843	2	1	6	4	13
1844	5	3	7	6	21
1845	2	4	11	8	25
1846	5	9	9	5	28
1847	16	25	20		

1	2	3	4
Specified Ages	Deaths registered last week in London	Deaths which would have been registered if the rate of mortality had been the same as in Dorsetshire, Dec. Quarters, 1838-44.	Excess of Mortality in London during the week
0-15	473	255	218
35-55	151	100	51
55 and upwards	203	179	24
All Ages	967	659	308

## EXTRACTS FROM THE METROPOLITAN RETURNS OF THE PREVIOUS WEEK, No. 42.

(The tabular abstract on the first page is for the week ending Saturday, Oct. 23rd. The following selection of cases is made from the returns for the week ending Oct. 16th.)

NOTE.—M. or F. at the beginning of an entry indicates sex; the numerals which follow, mark the age at death, in years, except when otherwise stated. The italics at the end of an entry shew the duration of illness; and when the place is supplied by an asterisk (\*), the Coroner, Medical Practitioner, or other Informant, has not been able to ascertain, or has omitted to state the time in which the person has been subject to the disease or injury which has proved fatal. In making the return, it should invariably be stated that duration of illness could not be ascertained, when this is the case.

### RETURNS OF VIOLENT DEATHS, MADE CHIEFLY BY CORONER.

NOTE.—The cases of violence not returned by the Coroner, have the words "no inquest."

Fractures and Contusions:—	duration	Wounds:—	duration	Burns and Scalds (continued):—	duration
F. 5, unknown whether by natural disease or an accidental fall	*	Carpenter, 33, suicide—cut his throat with a razor, being at the time of unsound mind.	instant	Son of a cigar maker, 1 (no inquest), severe scald 3 days	3 days
Wife of a carpenter, 54, concussion of the nervous system, from falling down stairs accidentally, being intoxicated.	*			convulsions	6 hours
M. 84, fracture of the thigh bone, from being run over by a cart	*	Drowning:—		How the injury occurred should have been stated.	
M. 35, crushed accidentally between the wheels of a saw mill.	*	M. 39, drowning—slipped on jumping from a steamboat to Cricketer's pier, and fell into the water (under water 9 days).		Poison:—	
M. 45, { diseased liver mortification from injury to the arm.	3 days	F. 17, found dead in the waters of the London Docks, apparently drowned.		In Hackney, two boys, aged respectively 1 year, and 11 weeks, natural death, from mesenteric disease, accelerated by the noxious and poisonous exhalations of a common sewer, open and exposed.	*
How was injury caused?		Burns and Scalds:—		Exposure, or Immersion:—	
		Son of an omnibus driver, 4, burnt by his clothes taking fire accidentally	11 hours	M. 58 (no inquest), obstinate constipation of bowels, from a very severe cold, caused by getting wet	*

### SIXTEEN HOSPITALS.—CAUSES OF DEATHS (NOT VIOLENT) AS RETURNED BY THE MEDICAL OFFICERS.

NOTE.—Deaths in hospitals from fractures, wounds, burns, scalds, poison, are not contained in this list. See deaths by violence.

Consumption H:—	duration	University College H:—	duration	Small Pox H:—	duration
M. 31 (post mort.), phthisis	6 years	—No deaths registered.		M. 8, small pox, confluent (unprotected)	10 days
M. 19, { cancer of the right lung	9 months	Royal Free H:—		M. 27, small pox, confluent (unprotected)	14 days
(post mort.) { pericarditis and endocarditis	12 days	Fever H:—		King's College H:—	
St. George's H:—		M. 65, { typhus	9 days	M. 43, { tubercles	many months
(post mort.) { scrofulous deposit in the brain, with serous effusion into the ventricles	13 days	(post mort.) { congestion of posterior part of lung. in hospital 4 days.		(post mort.) { diarrhoea	6 weeks
Westminster H:—		M. 35, { typhus	15 days	M. 45, stricture of the rectum	3 months
M. 24 (post mort.), bronchitis—gastritis— general internal congestion	*	(post mort.) { congestion of the cerebrum, and posterior part of the lungs. in hospital 1 day.		F. 14, { morbus cordis	1 year
Charing Cross H:—		F. 62, { typhus	6 days	F. 54, { morbus cordis	3 months
(post mort.) { No deaths registered.		(post mort.) { disease of heart	of long standing	(post mort.) { dropsy	5 weeks
Middlesex H:—		F. 58, { fever	17 days	St. Bartholomew's H:—	
M. 50, cancer of the jaw	*	(post mort.) { small white deposits in the spleen. in hospital 12 days.		M. 48, dropsy	*
F. 32, pericarditis, with 10 oz. of pus in the pericardium	*	F. 63, { pneumonia	7 days	M. 53, exhaustion, consequent on malignant disease of the neck	*
		(post mort.) { in hospital 3 days.		M. 21, phlegmonous abscess of nates and thigh	*
				M. 21, pleurisy	*
				F. 4, sloughing of the mouth	*
				F. 16, pneumonia	*

**SIXTEEN HOSPITALS.—CAUSES OF DEATH (NOT VIOLENT) AS RETURNED BY THE MEDICAL OFFICERS (continued):—**

London H.:—	duration	Guy's H.:—	duration	Royal Ordnance H.:—	duration
M. 26, { anasarca. . . . . 10 months post mort.) large vegetations on the aortic valves.		F. 24, fever . . . . . 6 weeks		M. 19 (post mort.), consumption . . . . . 4 months	
M. 38, { mitral disease. . . . . 14 months hemoptysis. . . . . 6 weeks		M. about 60 (post mort.), fever . . . . . *		M. 31, { intermittent fever . . . . . 3 months consumption . . . . . 16 days	
F. 49 (post mort.), anasarca. . . . . 11 months		M. 57, { cirrhosis. . . . . 8 months (post mort.) peritonitis. . . . . 3 days		M. 21, { pulmonary consumption . . . . . 180 days in hospital 180 days.	
<b>St. Thomas' H.:—</b>		M. 32, albuminuria . . . . . 10 months		<b>Dreadnought H.:—</b>	
F. 60 (post mort.), diseased kidneys . . . . . *		M. 35, diseased heart—dropsy. . . . . 4 weeks		M. 32, { congenital hernia (right scrotal) . . . . . 11 hours strangulated . . . . . 28 hours operation . . . . . gangrene . . . . .	
F. 40, inflammation of the brain after erysipelas 17 days		F. 26, ruptured intestine, with fever . . . . . 4 weeks			
M. 40 (post mort.), phthisis—endocarditis . . . . . *		F. 36, { malignant ulcer of stomach . . . . . *			
F. 62, diffused cellular inflammation . . . . . *		(post mort.) { abscess of liver, and gangrene of lung . . . . . 6 months			
		F. 47, { malignant disease of liver . . . . . 6 months (post mort.) jaundice . . . . .			
<b>DEATHS BY SMALL POX, TYPHUS, ETC., SYPHILIS, MALFORMATION, HERNIA, DIABETES, STONE, CHILDBIRTH, DELIRIUM TREMENS, INTEMPERANCE, PRIVATION, WANT OF BREAST-MILK, PURPURA, HÆMORRHAGE, HÆMATEMESIS, ETC.</b>					
Small Pox:—	duration	Typhus, &c. (continued):—	duration	Intermittent Fever:—	duration
NOTE.—It should be stated in all cases whether vaccination had been performed with effect.					
M. 9 weeks, variola (vaccinated with effect) . . . . . 10 days		SHOREDITCH; Haggerstone, West.		F. 18, intermittent and brain fever . . . . . *	
M. 1, small pox . . . . . 10 days		F. 31, typhoid fever . . . . . *		M. 35, { intermittent fever . . . . . 9 weeks phthisis . . . . . 4 weeks	
M. 3, small pox . . . . . 4 weeks		F. 4, { fever. . . . . 3 weeks d Dropsy . . . . . 2 weeks		<b>Remittent Fever:—</b>	
twice vaccinated without effect 3 years ago.		BETHNAL GREEN; The Green.		M. 75, remittent fever—age . . . . . *	
F. 11, small pox, with purpura. . . . . 6 days		M. 5, miliary fever . . . . . 3 days		M. 51, gastritis—typho-remittent fever . . . . . *	
vaccinated with effect about 10 years ago.		F. 4, miliary fever . . . . . 2 days		<b>Syphilis:—</b>	
F. 6, small pox (not vaccinated) . . . . . 12 days		The Town.		F. 8 weeks, secondary syphilis . . . . . from birth	
F. 1, small pox (vaccinated without effect) . . . . . 5 days		F. 10, { fever typhoid . . . . . 3 weeks pneumonia . . . . . 4 days		M. 17 days, { syphilis . . . . . 4 hours convulsions . . . . . 3 weeks	
M. 3, small pox (not vaccinated) . . . . . *		WHITECHAPEL; Spitalfields.		F. 1, bronchitis . . . . . 3 weeks	
M. 5, small pox (vaccinated) . . . . . *		M. 11 mon., synochus . . . . . 5 days		cerebral congestion and convulsions.	
F. 6 mon., small pox (not vaccinated) convulsions. . . . . 1 week		Mile End, New Town.		had suffered from secondary syphilis for some time after birth	
F. 3, small pox confluent (not vaccinated) . . . . . 7 days		M. 59, typhus . . . . . *		<b>Malformation:—</b>	
F. 2, small pox (after vaccination) . . . . . 3 weeks		F. 65, typhus . . . . . *		M. 4 weeks (post mort.), imperforate anus.	
F. 9, { small pox. . . . . 3 weeks bronchitis . . . . . *		North.		M. 3 mon., cleft palate—marasmus.	
vaccinated with doubtful effect 8 years ago.		M. 80, typhus . . . . . *		M. 14 days, spina bifida.	
F. 1, variola . . . . . 14 days		F. 47, typhus . . . . . *		<b>Hernia:—</b>	
M. 6, variola (vaccinated without effect) . . . . . 8 weeks		F. 59, synochus . . . . . *		M. 32, rupture of the intestines . . . . . *	
F. 8, variola (vaccinated) . . . . . 8 weeks		F. 65, synochus and infirmities of age . . . . . *		M. 77, incarcerated hernia . . . . . 2 months	
F. 3, variola . . . . . 3 months		F. 77, synochus and infirmities of age . . . . . *		See Hospital Returns.	
M. 4, small pox . . . . . 2 weeks		Aldgate.		<b>Diabetes; Stone:—</b>	
M. 1, { small pox . . . . . 23 days convulsions . . . . . 20 hours		M. 58, typhus . . . . . *		No deaths registered from either of these causes.	
See Return of Small Pox Hospital.		St. GEORGE-IN-THE-EAST; St. Paul.		<b>Childbirth:—The time elapsing from commencement of labour to death should invariably be returned.</b>	
<b>Typhus, &amp;c.</b>		F. 43, fever . . . . . 10 days		parturition . . . . . *	
PADDINGTON; St. John.		St. Mary.		F. 39, { placenta prævia presentation, with profuse hæmorrhage, followed by diarrhœa . . . . . *	
M. 6, bilious fever . . . . . 7 days		M. 33, { synocha . . . . . 10 days typhus . . . . . 2 days		F. 28, puerperal fever . . . . . *	
<b>CHELSEA; South.</b>		M. 6, { fever . . . . . 3 weeks cancerum oris . . . . . 12 days		F. 31, { childbirth . . . . . 6 days hysteritis . . . . . 4 days	
M. 59, inflammatory fever . . . . . *		St. John.		F. 20, { childbirth . . . . . 7 days puerperal fever . . . . . 4 days	
North West.		M. 6, { typhus . . . . . 22 days petechiæ . . . . . 2 days		F. 25, { childbearing . . . . . 8 weeks hysteritis . . . . . 2 days	
F. 31, fever. . . . . *		F. 15, bilious fever. . . . . *		F. 19, childbirth—peritonitis . . . . . 3 days	
<b>St. GEORGE; Hanover-square.</b>		<b>STEPNEY; Ratcliffe.</b>		F. 35, childbirth—puerperal peritonitis . . . . . *	
F. 27, fever . . . . . 19 days		M. 2, fever . . . . . 10 days		F. 36, accouchement, tedious and difficult—exhaustion . . . . . *	
<b>WESTMINSTER; St. John.</b>		M. 6, fever . . . . . 2 weeks		F. 31, puerperal peritonitis . . . . . 36 hours after delivery	
F. 62, fever. . . . . 10 days		M. 51, typhus . . . . . 3 weeks		F. 40, { exhaustion after delivery of a dead child 10 mins. labour . . . . . 6 hours	
St. Margaret.		Mile End, Old Town (Upper).		F. 33, puerperal fever . . . . . 8 days	
F. 20, <i>Croup and pneumonia.</i> . . . . 1 month		F. 65, fever. . . . . 7 days		F. 28, puerperal fever . . . . . 10 days	
F. 12, fever . . . . . 10 days		Mile End, Old Town (Lower).		F. 26 (inquest), natural death, sudden, in childbirth, from hæmorrhage—exhaustion . . . . . *	
<b>St. MARYLEBONE; All Souls.</b>		F. 49, fever . . . . . 4 days		F. 37, gastritis—premature labour . . . . . 36 hours	
M. 59, typhus . . . . . 10 days		F. 63, fever . . . . . 10 days		F. 29, puerperal fever . . . . . 10 days	
F. 14, febris . . . . . 12 days		<b>POPLAR; Bow and Bromley.</b>		F. 30, puerperal fever . . . . . 4 days	
F. 51, typhus . . . . . 14 days		F. 20, typhus . . . . . 3 weeks		F. 26 (inquest), natural death, sudden, in childbirth, from hæmorrhage—exhaustion . . . . . *	
<b>EDMONTON; Hampstead.</b>		<b>St. SAVIOUR; St. Saviour.</b>		F. 37, gastritis—premature labour . . . . . 36 hours	
F. 86, fever. . . . . 1 week		F. 8, { typhus . . . . . 14 days effusion on the brain . . . . . 7 days		F. 29, puerperal fever . . . . . 10 days	
<b>St. PANCRAS; Gray's Inn-lane.</b>		F. 8, typhus . . . . . 5 days		F. 30, puerperal fever . . . . . 4 days	
M. 3, nervous fever—effusion into the chest. 14 days		effusion on the brain.		F. 24, { puerperal mania . . . . . 8 days (post mort.) pleuro-pneumonia (one side) . . . . . 4 days	
F. 15, typhus—brain fever . . . . . 4 weeks		<b>St. OLAVE; St. John.</b>		F. 40, violent hæmorrhage before labour, from separation of the placenta died 16 days after delivery	
Somers Town.		M. 9, fever . . . . . 17 days		F. 33, childbirth—puerperal peritonitis . . . . . 3 days	
F. 3, synocha—pulmonary abscess . . . . . 1 month		M. 1, { fever . . . . . 6 weeks convulsions . . . . . 3 days		<b>Delirium Tremens:—</b>	
Camden Town.		F. 10, { fever . . . . . 14 days hæmorrhage . . . . . 7 days		M. 54, delirium tremens . . . . . 4 days	
M. 6, debility after fever . . . . . *		<b>St. GEORGE; Kent-road.</b>		M. 72, delirium tremens . . . . . 2 weeks	
Regent's Park.		F. 58, fever . . . . . *		M. 59, { diarrhœa . . . . . 2 weeks delirium tremens . . . . . 4 weeks	
F. 25, typhus . . . . . 3 weeks		F. 57, fever . . . . . *		M. 39, delirium tremens . . . . . 2 days	
<b>ISLINGTON; West.</b>		Borough-road.		<b>Intemperance:—</b>	
M. 41, { continued fever . . . . . 32 days pneumonia . . . . . 4 days		F. 45, fever . . . . . *		F. 50, chronic enlargement of the liver, from long drinking . . . . . *	
<b>St. GILES-IN-THE-FIELDS; South.</b>		London-road.		<b>Privation:—No deaths registered from this cause.</b>	
M. 1, fever, diarrhœa . . . . . 1 month		M. 18, typhus—perforation of bowels . . . . . *		<b>Want of Breast-milk:—</b>	
M. 57, typhus . . . . . 5 days		F. 5, typhus gravior . . . . . *		No deaths registered from this cause.	
F. 61, typhus . . . . . 2 months		<b>St. MARY NEWINGTON; Trinity.</b>		<b>Purpura:—See Return of Guy's Hospital.</b>	
F. 47, typhus . . . . . 9 days		M. 30, fever . . . . . 36 days		<b>Hæmorrhage:—</b>	
F. 37, fever . . . . . 14 days		F. 34, typhus . . . . . *		M. 17, hæmorrhage from the nose, and debility 5 weeks	
<b>STRAND; St. Clement Danes.</b>		<b>LAMBETH; Lambeth Church (second part).</b>		F. 38, sudden, from rupture of vessel in the lungs . . . . . *	
F. 62, fever—pneumonia . . . . . 9 days		M. 1, febris . . . . . 1 week		F. 54, natural from rupture of blood-vessel in the lungs . . . . . *	
F. 47, fever . . . . . 9 days		Kennington (first part).		<b>Hæmatemesis:—</b>	
<b>HOLBORN; St. Andrew (East).</b>		M. 1, { continued fever . . . . . 14 days congestion of the brain . . . . . *		F. 68, hæmatemesis . . . . . 4 days	
M. 66, fever . . . . . 9 weeks		Norwood.		F. 1, hæmatemesis . . . . . 2 days	
F. 9, typhus . . . . . 14 days		M. 4, fever effusion—congestion of the brain . . . . . *		M. 52, atrophy—melæna . . . . . several years	
<b>CLERKENWELL; Goswell-street.</b>		F. 48, typhus . . . . . 14 days		M. 73, { enlargement of the prostate gland . . . . . 12 weeks melæna . . . . . 3 weeks	
F. 1, teething with fever and hydrocephalus . 1 month		<b>CAMBERWELL; Camberwell.</b>		<b>Miscellaneous Causes:—</b>	
St. James.		F. 43, typhus . . . . . 11 days		M. 36, tubercular cirrhosis . . . . . 5 months	
F. 60, gastric fever—hæmorrhage from the womb. . . . . *		Peckham.		apoplectic fit . . . . . 15 minutes	
<b>St. LUKE; Finsbury.</b>		M. 4, { fever . . . . . 43 hours inflammation of the stomach and bowels 43 hours		saugineous effusion over right hemisphere—a large encysted clot of blood partially organized in the centre of middle lobe of right hemisphere probably 4 or 5 yrs. growth	
F. 60, typhus . . . . . 6 weeks		<b>GREENWICH; St. Nicholas, Deptford.</b>		(post mort.) left ventricle of heart hypertrophied—dropsy of pericardium—granular kidneys—enlarged liver—soft pulsatious spleen.	
Whitecross-street.		F. 6, fever . . . . . 1 month		F. 44, { chronic pelvic abscess . . . . . 12 hours (post mort.) peritonitis from escape of pus . . . . . 12 years	
<b>EAST LONDON; St. Botolph.</b>		M. 3, fever . . . . . 3 weeks		M. 62, { partial paralysis of the face—sloughing of the inside of the cheek . . . . . *	
F. 6 mon., { no breast-milk—the mother also lying ill of fever.		East.			
<b>CITY OF LONDON; South.</b>		M. (Junatic), 72, fever . . . . . 21 days			
M. 32, typhus . . . . . 6 weeks		M. 53, fever . . . . . 10 days			
<b>SHOREDITCH; Holywell and Moorfields.</b>		<b>LEWISHAM; Plumstead, &amp;c.</b>			
M. 4, synochus . . . . . 17 days		M. 25, typhus . . . . . 13 days			
St. Leonard.		F. 25, { fever . . . . . 9 days diarrhœa . . . . . *			
F. 1, fever . . . . . 1 week		See Hospital Returns.			
Haggerstone, East.		Under typhus, in the table, is classed one case of "inflammation of the parotid glands."			
M. 4, typhus . . . . . 3 weeks					

ANALYSIS OF CASES IN WHICH INQUESTS WERE HELD.—Violence, 10; spasm of larynx, 1; rupture of vessel in the lungs, 2; childbirth, 1; other specified causes, 2; "found dead," "visitation of God," "natural causes," &c., 9.—TOTAL, 25 cases.

THE NUMBER OF CASES in which it is recorded that a POST MORTEM EXAMINATION was made, is 40.

# METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH,

During the Week ending Saturday, 23d October, 1847.

Day	Phases of the Moon	Mean height of the Barometer, from 12 observations, (corrected and reduced to 32 degrees Fahrenheit.)	Readings of Thermometers										Difference between the Dew Point Temperature and Air Temperature			Difference between the mean temperature of the day, and the mean temperature of the day on an average of 25 years	WIND					Mean Amount of Cloud, 0-10	Rain in inches, read at 9 o'clock the next morning	
			Dry			Dew Point	Highest in the sun, as shown by a self-register- ing Thermometer	Lowest on the grass, as shown by a self-register- ing Thermometer	In the Water of the Thames at Greenwich, by the self- registering Thermometer, read at 9 o'clock next morning		Mean of 12 Days	Greatest	Least	General Direction			Pressure in lbs. on the square foot		Amount of Horizontal Movement of the Air in each day					
			High- est from 12 Obs.	Low- est from 12 Obs.	Mean from 12 Obs.	Mean from 12 Rits			Greatest	Least				Mean of 12 Obs.										
			A.M.	P.M.	lbs.	lbs.									lbs.		Miles							
OCTOBER,		in.	°	°	°	°	°	°	°	°	°	°	°	°			lbs.	lbs.	lbs.	Miles				
SUN.	17	First Quarter.						75.9	44.0	54.0	54.0						Calm	Calm	0.0	0.0	0.0	15	5.0	0.01
MON.	18		29.571	60.6	49.7	55.8	54.0	69.0	45.0	54.4	54.4	1.8	5.6	0.0	+ 7.1	Calm and S.W.	S.W.	2.5	0.0	0.0	120	8.7	0.24	
TUES.	19		29.340	65.0	52.0	57.9	53.9	74.0	37.0	54.5	54.5	4.0	9.4	0.9	+ 7.3	S.W. and Calm	S.W.	2.5	0.0	0.0	165	4.5	0.07	
WED.	20		29.618	57.0	46.0	50.6	45.0	70.1	37.0	54.2	54.0	5.6	13.7	1.2	+ 0.2	W. by S. and S.W.	S.W. and S. by W.	1.0	0.0	0.0	205	4.6	0.20	
THU.	21	In Equator.	29.774	57.5	43.5	51.6	46.1	71.7	31.0	53.8	53.5	5.5	11.8	1.0	+ 0.9	S.S.W.	W.S.W.	3.0	0.0	0.4	170	5.6	0.01	
FRI.	22		29.940	57.2	42.5	49.9	45.4	69.0	43.0	53.0	53.0	4.5	9.0	0.5	- 0.5	S.S.W.	S.S.W.	2.0	0.0	0.2	295	3.9	0.03	
SAT.	23	Perigee Full	29.518	59.5	47.5	55.0	52.5	63.1	31.0	52.8	52.5	2.5	5.0	0.8	+ 5.0	S.S.W.	S.W.	9.0	0.0	2.2	275	10.0	0.48	
MEANS			29.627	59.5	46.9	53.5	49.5	70.4	38.3	53.8	53.7	4.0	9.1	0.7	+ 3.3	+					Sum 1245	6.0	Sum 1.04	

DAY	ELECTRICITY	Circumstances accompanying the exhibition of Electricity	GENERAL REMARKS
SUN.	Nothing was shewn during the first three days of the week.		The sky was overcast with cirrostratus till 1h. p.m., and cloudless afterwards. A dense fog prevailed during the morning and evening.
MON.			The sky was generally overcast during the day. Cirrostratus and scud were the prevailing clouds. Rain fell at intervals during the morning and afternoon.
TUES.			The sky was clear till 6h. a.m., and nearly overcast from that time till 2h. p.m. Nearly cloudless till 9h. p.m., and overcast afterwards till midnight. Cumuli, cirrocumuli, cirrostratus, and scud were the prevailing clouds. Rain was falling at 1h. 30m. a.m.
WED.	Nothing was shewn till noon. From noon till 5h. p.m. positive with tension variable. Nothing was shewn afterwards.		Overcast till 7h. a.m., and about one-third of the sky was covered during the remainder of the day. Cumuli, cirrostratus, and scud were the prevailing clouds. At 11h. p.m. the upper arc of a lunar halo was visible, of 22° radius. Rain was falling between 1h. and 2h. a.m.
THURS.	Nothing was shewn till noon. During the remainder of the day, positive with strong tension, except at midnight, when nothing was shewn.		The sky was nearly overcast till 10h. a.m., about one-half covered till 5h. p.m., and generally clear afterwards. Cirrostratus and scud were the prevailing clouds. A heavy shower of rain fell at 6h. a.m.
FRID.	Nothing was shewn during the remainder of the week.		Clear till 9h. a.m., and about three-fourths of the sky were covered during the remainder of the day. Cirrostratus and scud were the prevailing clouds. The magnets were greatly disturbed during the day.
SAT.			Overcast with cirrostratus and scud throughout the day. Rain commenced falling soon after noon, and continued falling heavily at intervals during the remainder of the day. After 1h. 30m. p.m. the readings of the barometer declined rapidly; its lowest reading occurred at 7h. 30m. p.m., which was 29.335 in. The magnets were very greatly disturbed during the day.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The amount of clouds is estimated by considering a clear sky to be represented by 0, a cloudy sky by 10; and when partially cloudy by estimating the number of tenths of the whole sky covered with cloud. The observations are taken every two hours, day and night.

The readings of the two self-registering thermometers, the one placed in the full rays of the sun, and the other placed on grass fully exposed to the sky, are taken every morning at 9 A.M., and therefore exhibit the highest and lowest readings respectively, that have occurred in the previous 24 hours. They are, however, placed here opposite to the civil day which precedes that on which the thermometers are read.

Whewell's anemometer (from the indications of which the estimation of horizontal movement is made) is read at 10 A.M., and the result given is for the 24 hours preceding. It is placed here opposite to the civil day, which precedes that on which the anemometer is read.

The average temperature for 25 years is furnished by Mr. Henry, Assistant at the Royal Observatory, from the observations made at his residence in the neighbourhood of Greenwich Park.

In reading the 16th column, it will be borne in mind that + is read "higher," and - "lower," than the average.

The temperature of the water of the Thames is ascertained by the use of a self-registering thermometer, suspended from the side of the Dreadnought Hospital Ship, at the depth of about 2 feet below the surface. The readings of this instrument are registered under the superintendence of Lieutenant Sanders, R.N., Superintendent of the Dreadnought. The mean reading of a thermometer placed on the mainmast, and read each day at 6h. 30m. A.M., was 50.9; and the mean reading at 7h. 30m. P.M., was 52.7; the mean readings at the Royal Observatory for the same times were 51.2 and 52.3 respectively.

The mean direction of the wind for the week was S.S.W.

# Births and Deaths registered in London,

During the Week ending Saturday, October 30th, 1847.

ANNUAL SERIES VIII.]

PUBLISHED BY AUTHORITY OF THE REGISTRAR GENERAL.

[No. 44.]

Causes of Death	Age			Total	Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population 5 Autumns	Causes of Death.	Age			Total	Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population 5 Autumns
	0 to 15	15 to 60	60 and upwards				0 to 15	15 to 60	60 and upwards		
ALL CAUSES.....	465	311	169	945	1046	IV.—Laryngitis .....	2	1	..	3	2
SPECIFIED CAUSES .....	465	309	169	943	1039	Quinsey .....	2	..	..	2	2
I.—Zymotic Diseases .....	190	57	29	276	211	Bronchitis .....	20	9	7	36	39
SPORADIC DISEASES—						Pleurisy .....	..	1	..	1	3
II.—Dropsy, Cancer, and other Diseases of uncertain or variable Seat .....	55	22	13	90	104	Pneumonia .....	50	7	5	62	109
III.—Diseases of the Brain, Spinal Marrow, Nerves and Senses ..	73	37	23	133	157	Hydrothorax .....	..	..	3	3	5
IV.—Diseases of the Lungs, and of the other Organs of Respiration ..	101	109	33	243	333	Asthma .....	1	1	7	9	24
V.—Diseases of the Heart and Blood-vessels .....	3	13	11	27	34	Phthisis (or Consump- tion) .....	23	83	10	116	134
VI.—Diseases of the Stomach, Liver, and other Organs of Digestion ..	35	29	15	79	74	Disease of Lungs, &c.....	3	7	1	11	16
VII.—Diseases of the Kidneys, &c.....	1	7	3	11	9	V.—Pericarditis.....	..	3	1	4	2
VIII.—Childbirth, Diseases of the Uterus, &c.....	..	13	..	13	14	Aneurism .....	..	2	..	2	1
IX.—Rheumatism, Diseases of the Bones, Joints, &c.....	1	7	4	12	7	Disease of Heart, &c. ....	3	8	10	21	31
X.—Diseases of the Skin, Cellular Tissue, &c. ....	3	1	..	4	2	VI.—Teething.....	4	..	..	4	14
XI.—Old Age .....	..	..	36	36	65	Gastritis .....	1	1	1	3	15
XII.—Violence, Privation, Cold and Intemperance .....	3	14	2	19	29	Enteritis .....	7	3	3	13	3
I.—Small Pox .....	25	3	..	28	15	Peritonitis .....	3	5	1	9	10
Measles .....	43	..	..	43	36	Tabes Mesenterica.....	13	..	..	13	1
Scarlatina .....	57	4	..	61	44	Worms .....	..	..	..	..	2
Whooping Cough .....	12	..	..	12	32	Ascites .....	..	..	1	1	2
Croup .....	4	..	..	4	8	Ulceration (of Intestines, &c.) .....	2	1	..	3	2
Thrush .....	6	..	..	6	5	Hernia .....	..	..	2	2	2
Diarrhoea.....	14	3	8	25	17	Colic or Ileus .....	1	..	..	1	2
Dysentery .....	2	3	2	7	4	Intussusception .....	..	..	1	1	1
Cholera .....	..	1	..	1	1	Stricture (of the Intestinal Canal) .....	..	..	..	..	2
Influenza .....	..	..	1	1	3	Hæmatemesis .....	..	1	1	2	6
Ague .....	1	..	..	1	1	Disease of Stomach, &c. ....	2	1	1	4	1
Remittent Fever.....	1	..	..	1	1	Disease of Pancreas .....	..	..	..	..	3
Typhus .....	21	37	15	73	36	Hepatitis .....	..	1	..	1	2
Erysipelas .....	3	6	3	12	7	Jaundice .....	1	..	..	1	10
Syphilis .....	1	..	..	1	2	Disease of Liver, &c. ....	1	16	4	21	2
Hydrophobia .....	..	..	..	..	..	Disease of Spleen.....	..	..	..	..	..
II.—Hæmorrhage .....	..	..	1	1	3	VII.—Nephritis.....	1	..	..	1	5
Dropsy .....	..	5	5	10	24	Ischuria .....	..	..	..	..	1
Abscess .....	..	1	..	1	2	Diabetes .....	..	1	..	1	1
Noma .....	..	..	..	..	1	Cystitis .....	..	..	..	..	4
Mortification .....	2	1	1	4	4	Stone .....	..	..	..	..	1
Purpura .....	..	2	..	2	4	Stricture (of the Urethra) ..	..	1	..	1	1
Scrofula .....	4	1	..	5	4	Disease of Kidneys, &c. ....	..	5	3	8	6
Cancer .....	..	11	3	14	14	VIII.—Childbirth .....	..	10	..	10	9
Tumour .....	..	1	..	1	5	Paramenia .....	..	..	..	..	3
Gout .....	..	..	..	..	1	Ovarian Dropsy .....	..	..	..	..	1
Atrophy .....	30	..	..	30	14	Disease of Uterus, &c. ....	..	3	..	3	3
Debility .....	17	..	..	17	22	IX.—Arthritis .....	..	..	..	..	1
Malformations .....	2	..	..	2	3	Rheumatism .....	..	1	1	2	4
Sudden Deaths (including Coroners' Inquests, in which it is not shewn from what diseases or causes the persons died.)	..	..	3	3	13	Disease of Joints, &c. ....	1	6	3	10	4
III.—Cephalitis .....	11	2	1	14	12	X.—Carbuncle .....	..	..	..	..	2
Hydrocephalus .....	31	..	..	31	32	Phlegmon .....	1	1	..	2	2
Apoplexy .....	1	9	11	21	23	Ulcer .....	1	..	..	1	8
Paralysis .....	..	9	8	17	19	Fistula .....	..	..	..	..	4
Convulsions.....	22	..	..	22	51	Disease of Skin, &c.....	1	..	..	1	8
Tetanus .....	..	..	..	..	4	XI.—Old Age .....	..	..	36	36	65
Chorea .....	..	..	..	..	1	XII.—Intemperance .....	..	2	..	2	1
Epilepsy .....	2	5	..	7	5	Privation .....	..	..	..	..	7
Insanity .....	..	3	..	3	2	Violent Deaths .....	3	12	2	17	28
Delirium Tremens.....	..	5	..	5	2	Causes not Specified.....	..	2	..	2	7
Disease of Brain, &c. ....	6	4	3	13	11						

Weekly Average derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population	5 Autumns.		Deaths registered in the Week	5 Autumns.		Births registered in the Week	5 Autumns.	
	Males .....	528		Males .....	452		Males .....	658
	Females .....	518		Females .....	493		Females .....	633
	Total .....	1046		Total .....	945		Total .....	1291

DISTRICTS OF LONDON, Comprising 135 Registrars' Districts.		Area in square Miles	Population Enu- merated in 1841	Weekly Average derived from Deaths of 1842-6, and corrected for increase of Population	DEATHS registered in the Week	BIRTHS registered in the Week
				5 Autumns		
WEST DISTRICTS	{ Kensington; Chelsea; St. George, Hanover-square; Westminster; St. Martin in the Fields; St. James .....	17.2	301,326	146	122	160
NORTH DISTRICTS	{ St. Marylebone; St. Pancras; Islington; Hackney; part of Edmonton, viz. Hampstead .....	20.5	376,396	184	191	270
CENTRAL DISTRICTS	{ St. Giles and St. George; Strand; Holborn; Clerkenwell; St. Luke; East London; West London; City of London .....	2.8	374,759	196	170	212
EAST DISTRICTS	{ Shoreditch; Bethnal Green; Whitechapel; St. George in the East; Stepney; Poplar .....	8.8	393,247	232	192	296
SOUTH DISTRICTS	{ St. Saviour; St. Olave; Bermondsey; St. George, Southwark; Newington; Lambeth; Wandsworth and Clapham; Camberwell; Rotherhithe; Greenwich; Lewisham }	66.2	502,483	288	270	353
TOTALS .....		115.5	1,948,211	1046	945	1291

Births and Deaths not caused by Violence, registered in the Metropolis in the last 13 weeks, with the Mean Temperature for the same periods.													
	7th Aug.	14th Aug.	21st Aug.	28th Aug.	4th Sept.	11th Sept.	18th Sept.	25th Sept.	2nd Oct.	9th Oct.	16th Oct.	23rd Oct.	30th Oct.
BIRTHS .....	1240	1232	1223	1222	1295	1277	1162	1260	1454	1241	1254	1257	1291
DEATHS (except from Violence) .....	944	1080	1046	1059	1014	1012	1123	1022	1041	995	940	951	928
Deaths (except from Violence) at 60 yrs. & upwards .....	141	205	195	209	183	164	196	184	192	193	206	168	167
Diarrhoea .....	106	158	138	124	108	119	95	89	53	45	31	33	25
Typhus .....	55	70	62	74	77	81	111	77	79	79	93	78	73
Purpura .....	1	..	5	1	1	3	1	1	..	3	1	1	2
Mean Temperature .....	62.6	63.2	64.1	60.3	54.3	56.3	54.1	56.1	51.7	53.0	54.8	53.5	49.8

EXTRACTS FROM THE METROPOLITAN RETURNS OF THE PREVIOUS WEEK, No. 43.  
(The tabular abstract on the first page is for the week ending Saturday, Oct. 30th. The following selection of cases is made from the returns for the week ending Oct. 23rd.)

NOTE.—M. or F. at the beginning of an entry indicates sex; the numerals which follow, mark the age at death, *in years, except when otherwise stated*. The italics at the end of an entry shew the duration of illness; and when the place is supplied by an asterisk (\*), the Coroner, Medical Practitioner, or other Informant, has not been able to ascertain, or has omitted to state the time in which the person has been subject to the disease or injury which has proved fatal. In making the return, it should invariably be stated that duration of illness could not be ascertained, when this is the case.

RETURNS OF VIOLENT DEATHS, MADE CHIEFLY BY CORONER.						
NOTE.—The cases of violence not returned by the Coroner, have the words "no inquest."						
Fractures and Contusions:—		duration	Drowning:—	duration	Poison:—	duration
M. 2 mon. (no inquest), fell out of the arms of nurse, when on the street		*	Son of a servant, 8 mon., found dead in the Regent's Canal, at Hoxton, appended to his mother, also apparently drowned.		M. 17, poisoned himself with oil of bitter almonds, in a state of temporary derangement	*
Licensed victualler, 57, accidental death, by a fall from a ladder		*	F. servant (single woman), 24, found dead in the Regent's Canal, at Hoxton, apparently drowned, without marks of violence.		Daughter of a lace porter, 10, accidentally poisoned by an irritant and poisonous potion from berries, supposed to be innoxious—given without intention to destroy life	*
F. 59, natural death, accelerated by a fall, causing wound and rupture of a vessel of the head		*	Cooper, 28, drowned in the Surrey Canal—no proof how he came into the water.		Widow of a stationer, 76, natural death, accelerated by laudanum, taken medicinally, and without intention to destroy life	*
M. 19, mortal concussion of the body, by falling off a moveable crane, 20 feet high		instant	M. (person and age unknown), found in the River Thames.		M. 8 days, convulsions, resulting from too great a quantity of aniseed administered to him	*
F. 56, { injury of the head		3 weeks	Hanging and Suffocation:—			
(no inquest) { erysipelatous inflammation		12 days	Retired licensed victualler, 84, suicide by hanging himself, being of unsound mind, from bodily infirmity and old age.			
It should have been stated how the injury was caused.			Daughter of a plasterer, 1 day, suffocated at the breast of her mother, accidentally.			
Wounds:—						
Powder refiner, 30, cut his throat in a temporary state of insanity		*				

SIXTEEN HOSPITALS.—CAUSES OF DEATHS (NOT VIOLENT) AS RETURNED BY THE MEDICAL OFFICERS.  
NOTE.—Deaths in hospitals from fractures, wounds, burns, scalds, poison, are not contained in this list. See deaths by violence.

Consumption H.:—	duration	Fever H.:—	duration	St. Thomas' H.:—	duration
F. 41 (post mort.), phthisis .....	14 months	M. 63, { fever .....	about 8 days	F. 50, corroding ulceration of uterus .....	some years
St. George's H.:—		M. 28, { pneumonia .....	14 days	F. 42, febris .....	18 days
M. 11, hectic fever—abscesses in lower extremities .....	*	(post mort.) { consolidation of right lung—pleurisy—pericarditis—lymph and pus in pericardium .....	about 4 days	M. 21, gangrene of lung—syphilis .....	3 weeks
M. 46, fever .....	*	M. 60, { typhus .....	10 days	M. 26, diseased heart—hemorrhage .....	8 weeks
M. 40, anasarca—chronic pleurisy .....	*	(post mort.) { in hospital 3 days.		M. 41, ascites .....	*
M. 4, ophthalmia .....	*	M. 62, { typhus .....	12 days	M. 37, { phthisis .....	7 months
M. 39 (post mort.), chronic pleurisy—anasarca—disease of the kidneys .....	*	(post mort.) { in hospital 4 days.		(post mort.) { hæmoptysis .....	*
M. 43, anasarca—diseased heart .....	*	F. 44, { typhus—effusion of serum beneath arachnoid .....	*	M. 23, { albuminuria .....	8 months
M. 39, diseased heart .....	*	(post mort.) { in hospital 8 days.		M. 63 (post mort.), disease of the bladder, and stricture .....	2 years
F. 59 (post mort.), scirrhus of mamma, uterus, liver, and intestine, causing stricture .....	*	F. 30, { fever .....	about 30 days	M. 47, strangulated hernia—operation—inflammation .....	*
F. 45, dropsy and diseased heart .....	*	(post mort.) { relapse .....	8 days	M. 18, tuberculous disease of the kidneys—effusion on the brain .....	*
M. 34 (post mort.), paralysis—scrofulous tubercle in the medulla oblongata—sloughing of back—inflamed bladder and kidneys .....	*	phthisis .....		Guy's H.:—	
Westminster H.:—		Small Pox H.:—		M. 38, diffused inflammation of the cellular tissue about the arm and throat .....	*
M. 12, caries of temporal bone, perforating into the brain .....	7 weeks	F. 5, small pox, confluent (unprotected) .....	21 days	M. 39, pleuro-pneumonia .....	8 weeks
Charing Cross H.:—		M. 25, { small pox, confluent .....	21 days	M. 38, phthisis .....	*
F. 25 (post mort.), sero-purulent effusion in left side of chest—ulceration of the pleura, the consequence of preceding inflammation .....	*	one good cicatrix .....		M. 19, anasarca .....	5 weeks
F. 18, acute mania—serous effusion between dura mater and cerebrum .....	1 week	M. 33, { small pox, confluent .....	*	M. 36, { disease of aorta .....	3 months
Middlesex H.:—		vaccinated in Wiltshire—one good cicatrix .....		F. 14, typhus .....	3 weeks
F. 48, cancer uteri .....	*	F. 23, { small pox, confluent (unprotected) .....	*	M. 25, sweeps' cancer .....	*
F. 50, cancer mamma .....	2 years	in hospital 26 days.		F. 42, malignant disease of the rectum .....	*
University College H.:—No deaths registered.		King's College H.:—		M. 35, stricture .....	*
Royal Free H.:—No deaths registered.		M. 53, phthisis .....	many months	Royal Ordnance H.:—No deaths registered.	
		St. Bartholomew's H.:—		Dreadnought H.:—	
		M. 19, peritonitis .....	*	typhus .....	9 days
		M. about 40, fever—dropsy—disease of the liver .....	*	M. 16, { extensive ulceration of Peyer's glands, and appendix vermiformis—enlargement of the mesenteric glands .....	*
		M. 15, water on the brain .....	*	M. 17, { acute dysentery .....	3 weeks
		M. 27, hæmoptysis—emphysema—tubercles and cavities in the lungs .....	*	(post mort.) { sloughing of the whole of the mucous membrane of the large intestine .....	*
		F. 48, hepatitis .....	*	pneumonia .....	6 days
		London H.:—		M. 39, { the right lung in a state of grey hepatization, weighing 4 lbs. congestion of the brain—effusion of serum into ventricles.	*
		M. 45, { pneumonia .....	10 days		
		abscesses around the pharynx and œsophagus .....	7 days		
		delirium tremens .....	3 days		
		F. 48, strangulated hernia .....	*		

DEATHS BY SMALL POX, TYPHUS, ETC., SYPHILIS, MALFORMATION, HERNIA, DIABETES, STONE, CHILDBIRTH, DELIRIUM TREMENS, INTEMPERANCE, PRIVATION, WANT OF BREASTMILK, PURPURA, HÆMOERHAGE, HÆMATEMESIS, ETC.

Small Pox:—

NOTE.—It should be stated in all cases whether vaccination had been performed with effect.

	duration
M. 2, variola	14 days
second attack—vaccinated about 21 months ago without effect.	
F. 8 mon., small pox.	9 days
first attack—not vaccinated.	
M. 3, { confluent small pox.	3 weeks
convulsions	
M. 5 mon., variola (not vaccinated).	5 days
M. 26, confluent small pox (after cow pox)	15 days
M. 10 weeks, small pox.	1 week
M. 29, small pox (not vaccinated)	12 days
F. 2, small pox (not vaccinated)	10 days
F. 10 mon., small pox (natural)	14 days
M. 2, variola confluent (without vaccination), 11 days	
F. 3, variola confluent	14 days
F. 11 mon., small pox (not vaccinated)	14 days
M. 2, variola (not vaccinated)	7 days
M. 2, confluent small pox (not vaccinated)	14 days
M. 2, small pox (vaccinated when 2 mon. old)	*
F. 6, small pox	10 days
first attack—not vaccinated.	
F. 2, variola	14 days
M. 2, small pox, confluent (natural—not vaccin.)	*
M. 5 mon., small pox (not vaccinated)	8 days
F. 4 mon., variola	10 days
vaccinated a month ago without effect.	
M. 9 mon., ulceration of the mouth and general debility, the consequence of small pox (not vaccinated)	7 weeks
M. 31, small pox	7 days
first attack—vaccinated with effect at 7 years of age.	
M. 3 mon., { small pox.	5 weeks
convulsions	1 day
vaccinated with effect 2 months before.	
M. 1, small pox (first attack—not vaccinated), 11 days	
M. 6, small pox	10 days
M. 10 mon., small pox (no medical attendant)	*
M. 2 small pox	9 days
vaccinated a year ago without effect.	
F. 8, small pox	14 days
vaccinated 5 years ago without effect.	
F. 3, variola (not vaccinated)	3 weeks
M. 1, small pox, with convulsions	8 days
without vaccination.	
M. 3, variola	14 days
vaccinated without effect.	
F. 3, variola	3 weeks
twice vaccinated without effect.	
F. 10 mon., variola	7 days
vaccinated without effect.	
M. 2, variola confluent (not vaccinated)	14 days
M. 7, small pox	10 days
F. 11, small pox (vaccinated)	13 days
M. 1, variola	14 days
M. 1, small pox (not vaccinated)	5 days
F. 3, small pox	14 days
vaccinated 3 weeks ago without effect.	

See Return of Small Pox Hospital.

Typhus, &c.

PADDINGTON; St. John.	
F. 1 mon., { low fever	3 days
convulsions	*
CHELSEA; North West.	
F. 78, fever.	5 days
North-east.	
F. 15, { diarrhoea	2 days
typhoid fever.	3 days
ST. GEORGE; Hanover-square.	
M. 47, { fever	10 days
pneumonia	5 days
WESTMINSTER; St. John.	
M. 37, synchus.	11 days
F. 14, fever and enteritis	2 days
F. 5, congestive fever	7 days
St. Margaret.	
F. 39, fever.	2 weeks
ST. MARTIN-IN-THE-FIELDS; Charing Cross.	
M. 62, typhus.	1 week
Long Acre.	
M. 62, cynanche—typhus.	1 week
ST. JAMES, WESTMINSTER; Berwick Street.	
M. 13, typhus.	*
Golden-square.	
F. 3, convulsions during incipient fever.	*
ST. MARYLEBONE; All Souls.	
M. 43, typhus.	12 days
The Rectory.	
F. 66, typhus	*
ST. PANCRAS; Somers Town.	
M. 21, { typhus	6 weeks
laryngitis	5 days
F. 66, { mania.	6 months
nervous fever	5 days
ISLINGTON; West.	
M. 4, { fever	8 days
abscess of the neck	3 days
East.	
M. 20, { military fever	24 days
pneumonia	*
M. 16, typhus.	28 days

Typhus, &c. (continued):—

ST. GILES-IN-THE-FIELDS; South.	
M. 13, typhus.	*
North.	
M. 50, fever	*
fever	3 weeks
F. 55, { erysipelas	1 week
peritonitis	2 days
STRAND; St. Clement Danes.	
M. 55, { fever	1 week
pericarditis	*
St. Ann.	
F. 19, { typhus	3 weeks
sphacelus	10 days
HOLBORN; St. George the Martyr.	
F. 2, typhus	1 month
St. Andrew (East).	
M. 12, typhus	*
Saffron-hill.	
M. 2, continued fever	14 days
CLERKENWELL; Pentonville.	
M. 23, fever	*
Goswell-street.	
M. 4, fever	4 weeks
St. James.	
M. 47, { typhus	7 days
pneumonia	4 days
ST. LUKE; Finsbury.	
F. 1, fever	7 days
EAST LONDON; St. Botolph.	
F. 48, fever—congestion of the lungs.	7 days
Cripplegate.	
F. 36, febris gastrica—peritonitis	*
F. 14, typhus	*
F. 4, typhus	3 weeks
WEST LONDON; North.	
F. 79, typhus	*
ST. LEONARD; Horton New Town.	
M. 8, typhus	*
SHOREDITCH; Haggerstone, West.	
M. 62, typhus	*
M. 22, typhus	*
F. 77, typhoid fever	*
BETHNAL GREEN; Hackney-road.	
F. 4, synchus—serous affection of the brain.	*
WHITECHAPEL; Spitalfields.	
M. 11, typhus	6 weeks
North.	
M. 39, { rheumatic fever	1 week
typhus	2 weeks
Aldgate.	
M. 72, typhus.	9 days
ST. GEORGE-IN-THE-EAST; St. Paul.	
M. 19, fever	22 days
F. 66, { fever	5 days
diarrhoea	7 hours
STEPNEY; Limehouse.	
M. 7, { fever	1 month
cerebral effusion	3 days
POPLAR; Poplar.	
M. 7 mon., { typhus	4 days
convulsions	6 hours
F. 8, fever	17 days
ST. SAVIOUR; Christchurch.	
M. 19, typhus.	*
ST. OLAVE; St. John.	
M. 10, { febris	14 days
diarrhoea	7 days
BERMONDSEY; St. Mary Magdalen.	
M. 21, typhus.	*
St. James.	
M. 70, decay of nature—continued fever	1 month
ST. GEORGE, SOUTHWARK; Borough-road.	
F. 3, fever	1 month
London-road.	
M. 24, typhus.	7 days
ST. MARY NEWINGTON; St. Peter, Walworth.	
M. 6, typhus	9 days
Trinity.	
M. 39, typhus.	*
F. 6, typhus gravior	17 days
F. 64, typhus	3 weeks
F. 2, { fever	1 week
diarrhoea	
LAMBETH; Kennington (first part).	
F. 6, { low fever	7 days
hydrocephalus.	7 days
CAMBERWELL; Peckham.	
M. 19, fever.	1 month
ROTHERHITHE; Rotherhithe.	
F. 45, typhus	12 days
GREENWICH; St. Nicholas, Deptford.	
M. 60, typhoid fever	6 days
Woolwich Arsenal.	
F. 5, typhus	8 days
East.	
F. 17, synchus	10 days

Typhus, &c. (continued):—

LEWISHAM; Lee.	
M. 33, febris nervosa.	1 month
inflammation of medulla oblongata, accompanied by convulsions.	
See Hospital Returns.	
Ague:—	
M. 26, ague.	*
Remittent Fever:—	
M. 9 mon., remittent fever	*
hamorrhagia.	*
F. 30, { diarrhoea	4 months
remittent fever	4 weeks
F. 16, remittent fever	*
Infantile Fever:—	
M. 2, infantile fever	4 months
infantile remittent fever	3 weeks
F. 1, { gastro-enteritis	7 days
Syphilis:—	
M. 9 wks., syphilis	from birth
M. 4 wks., secondary syphilis	*
See Return of St. Thomas' Hospital.	
Malformation:—	
F. 3 days, malformation of mouth and pharynx.	
F. 5 days, cyanosis.	
Hernia:—	
F. 82, hernia	*
See Returns of London and St. Thomas' Hospital.	
Diabetes:—	
F. 28 (post mort.), diabetes—phthisis.	*
Stone:—	
M. 36 (post mort.), stone in the bladder, and diseased kidneys	2 years
Childbirth:—The time elapsing from commencement of labour to death should invariably be returned.	
childbirth	5 days
inflammation of uterus and uterine appendages.	*
effusion of fluid in the peritoneal cavity.	*
F. 23 (inquest), natural—delivery of a female child	4 days
F. 44, { childbirth	6 days
peritonitis	3 days
F. 42 (inquest), natural death, from phlegmasia dolens, after miscarriage.	5 days
F. 39, puerperal peritonitis	9 days
F. 21, puerperal peritonitis	4 days
F. 32, { puerperal peritonitis	4 days
childbirth	6 days
F. 41, childbirth, flooding, and fatal syncope.	*
F. 21, irritation of the liver, stomach, and bowels, arising from pregnancy	3 months
F. 24, childbirth.	*
Abscess of Breast:—	
abscess of right breast.	7 days
exhaustion of nervous system, subsequent to the bursting of abscess.	*
F. 25, { Query—Did this occur after Childbirth?	
Disease of Lungs and Childbirth:—	
F. 40, { disease of lungs.	many years
exhaustion after childbirth.	12 days
Delirium Tremens:—	
M. 35, delirium tremens	2 days
M. 42, delirium tremens	9 days
Bronchitis and Delirium Tremens:—	
M. —, { bronchitis	10 years
delirium tremens	1 week
Intemperance:—	
M. 69, old age and decay of nature—intemperance	many months
M. 52, intemperance—phthisis	6 months
Privation:—	
(inquest), innutrition, alleged to have been produced by neglect and starvation by a nurse, 3 wks. before death	*
F. 9 mon., { died in convulsions	*
Want of Breast-milk:—	
F. 22 days, atrophy—want of breast-milk.	from birth
F. 1 mon., wasting away, from want of breast milk	*
M. 1 day, inanition.	*
M. 5 weeks, atrophy from want of breast-milk	from birth
M. 19 days, want of breast-milk, the mother having died 5 days after the birth.	*
F. 16 days, inanition	*
F. 3 wks., inanition.	*
Purpura:—	
F. 9, purpura	3 days
Hæmorrhage:—	
F. 63, natural—sudden, from rupture of a blood-vessel	*
Disease of Liver; Hæmatemesis:—	
disease of liver.	long standing
M. 29, { ascites	18 months
hæmatemesis	2 days
dissolved liver	*
M. 66, { dropsy	7 weeks
hæmatemesis	2 hours
Disease of Stomach, and Hæmatemesis:—	
organic disease of stomach	long standing
F. 42, { hæmatemesis	3 days
serous apoplexy	12 hours
Miscellaneous Causes:—	
F. 7, abscess of and under the tongue—hæmorrhage from lingual artery	17 days
M. 66, physconia	10 months

ANALYSIS OF CASES IN WHICH INQUESTS WERE HELD.—Violence, 14; apoplexy, 3; disease of the heart, 3; rupture of a blood-vessel, 1; pulmonary apoplexy, 1; childbirth, 2; starvation, 1; other specified causes, 3; "natural causes," "found dead," "visitation of God," &c., 8.—TOTAL, 36 cases.

THE NUMBER OF CASES in which it is recorded that a POST MORTEM EXAMINATION was made, is 34.

METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH,

During the Week ending Saturday, 30th October, 1847.

Day.	Phases of the	Mean height of the Barometer, from 12 Observations, (corrected and reduced to 32 degrees Fahrenheit.)	Readings of Thermometers										Difference between the Dew Point Temperature and Air Temperature			Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 25 years	WIND						Mean Amount of Cloud, 0-10	Rain in inches, read at 6 o'clock the next morning																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
			Dry			Dew Point	Highest in the sun, as shown by a self-register- ing Thermometer	Lowest on the grass, as shown by a self-register- ing Thermometer	In the Water of the Thames at Greenwich, by the self- registering Thermometer, read at 9 o'clock next morning		Mean of 19 Days	Greatest	Least	General Direction			Pressure in lbs. on the square foot			Amount of Horizontal Movement of the Air in each day																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
			High- est from 12 Obs.	Low- est from 12 Obs.	Mean from 12 Obs.	Mean from 19 Days			Greatest	Least				A.M.	P.M.		Greatest	Least	Mean of 19 Obs.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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OCTOBER,			in.	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°</

DAY	ELECTRICITY	Circumstances accompanying the exhibition of Electricity	GENERAL REMARKS
SUN.	Positive and weak at noon. *Nothing was shewn at any other exa- mination.		The sky was generally overcast during the day with cumulostratus, cirrostratus, and scud, till 5h. p.m., and nearly clear afterwards. Rain was falling during the afternoon. At 6h. 23m. a.m. a faint streamer of an aurora borealis was seen, and between this time and 10h. p.m. occasional streamers were seen; at 10h., and again at midnight the aurora borealis was mag- nificent. The magnetic instruments were very greatly disturbed during the whole day. At about 10h. p.m. the horizontal force magnet was in a position which it had never reached since the establishment of the magnetic observatory, and such as to shew a great decrease of the horizontal component of the magnetic dip.
MON.	Nothing was shewn till 5h. p.m. From 5h. p.m. till 10h. p.m. positive with tension variable. Nothing was shewn afterwards.		The amount of cloud was variable till noon, nearly overcast till 6h. p.m., and generally clear afterwards; cirrostratus and scud were the prevailing clouds. The aurora borealis continued visible till 2h. a.m., and the magnetic instruments were disturbed till towards the evening of this day.
TUES.	Positive and tension strong from 9h. 30m. a.m. till 4h. p.m. Nothing was shewn at any other times.		One-half of the sky was covered till 9h. a.m., overcast till 6h. p.m., and clear afterwards. Cumulostratus, cirrostratus, and scud were the prevailing clouds.
WED.	Nothing was shewn throughout the day.		The sky was generally overcast throughout the day, except at 4h. a.m., when about one-third of the sky was covered; cirrostratus and scud were the prevailing clouds. Rain was falling during the afternoon and evening.
THURS.	Nothing was shewn throughout the day.		The sky was overcast with cirrostratus throughout the day. Rain was falling from 0h. a.m. till 9h. a.m.
FRID.	Nothing was shewn till 3h. 30m. p.m.; from that time till 8h. p.m. positive and weak. Nothing was shewn afterwards till near midnight, when it was positive with very weak tension.		The sky was overcast till 6h. a.m.; from that time till 2h. p.m. the amount of cloud was variable, and overcast afterwards.
SAT.	Positive and very weak at 4h. p.m.; no- thing was shewn at any other times.		The sky was generally covered with cirrostratus of a variable character throughout the day.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The amount of clouds is estimated by considering a clear sky to be represented by 0, a cloudy sky by 10; and when partially cloudy by estimating the number of tenths of the whole sky covered with cloud. The observations are taken every two hours, day and night.

The readings of the two self-registering thermometers, the one placed in the full rays of the sun, and the other placed on grass fully exposed to the sky, are taken every morning at 9 A.M., and therefore exhibit the highest and lowest readings respectively, that have occurred in the previous 24 hours. They are, however, placed here opposite to the civil day which precedes that on which the thermometers are read.

Whewell's anemometer (from the indications of which the estimation of horizontal movement is made) is read at 10 A.M., and the result given is for the 24 hours preceding. It is placed here opposite to the civil day, which precedes that on which the anemometer is read.

The average temperature for 25 years is furnished by Mr. Henry, Assistant at the Royal Observatory, from the observations made at his residence in the neighbourhood of Greenwich Park.

\* In reading the 16th column, it will be borne in mind that + is read "higher," and — "lower," than the average.

The temperature of the water of the Thames is ascertained by the use of a self-registering thermometer, suspended from the side of the Dreadnought Hospital Ship, at the depth of about 2 feet below the surface. The readings of this instrument are registered under the superintendence of Lieutenant Sanders, R.N., Superintendent of the Dreadnought. The mean reading of a thermometer placed on the mainmast, and read each day at 6h. 30m. A.M., was 45.1; and the mean reading at 7h. 30m. P.M., was 52.2; the mean readings at the Royal Observatory for the same times were 45.1 and 51.0 respectively.

† The mean direction of the wind for the week was S.S.W.

# Births and Deaths registered in London,

During the Week ending Saturday, November 6th, 1847.

ANNUAL SERIES VIII.]

PUBLISHED BY AUTHORITY OF THE REGISTRAR GENERAL.

[No. 45

Causes of Death	Age			Total	Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population	Autumn	Causes of Death.	Age			Total	Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population	Autumn
	0 to 15	15 to 60	60 and upwards					0 to 15	15 to 60	60 and upwards			
ALL CAUSES.....	542	317	193	1052	1046		IV.—Laryngitis .....	5	..	1	6	2	
SPECIFIED CAUSES .....	541	317	193	1051	1039		Quinsey .....	4	1	..	5	2	
I.—Zymotic Diseases .....	248	53	25	326	211		Bronchitis .....	18	12	19	49	39	
SPORADIC DISEASES—							Pleurisy .....	..	2	3	5	3	
II.—Dropsy, Cancer, and other Dis-							Pneumonia .....	58	5	5	68	109	
eases of uncertain or variable							Hydrothorax .....	1	2	1	4	5	
Seat .....	70	23	12	105	104		Asthma .....	..	2	12	14	24	
III.—Diseases of the Brain, Spinal							Phthisis (or Consump-	15	93	10	118	134	
Marrow, Nerves and Senses ..	64	32	24	120	157		tion) .....						
IV.—Diseases of the Lungs, and of	104	125	52	281	335		Disease of Lungs, &c....	3	8	1	12	16	
the other Organs of Respiration }													
V.—Diseases of the Heart and Blood-	4	24	12	40	34		V.—Pericarditis.....	1	2	..	3	2	
vessels .....							Aneurism .....	..	1	..	1	1	
VI.—Diseases of the Stomach, Liver,	44	25	16	85	74		Disease of Heart, &c. ...	3	21	12	36	31	
and other Organs of Digestion }													
VII.—Diseases of the Kidneys, &c.....	2	10	5	17	9		VI.—Teething.....	8	..	..	8	14	
VIII.—Childbirth, Diseases of the	..	12	1	13	14		Gastritis .....	1	2	..	3	15	
Uterus, &c. ....							Enteritis .....	6	3	1	10	3	
IX.—Rheumatism, Diseases of the	2	7	2	11	7		Peritonitis .....	3	1	1	5	10	
Bones, Joints, &c. ....							Tabes Mesenterica.....	16	1	..	17	13	
X.—Diseases of the Skin, Cellular	1	2	..	3	2		Worms .....	1	..	..	1	1	
Tissue, &c. ....							Ascites .....	..	1	..	1	2	
XI.—Old Age .....	..	..	42	42	65		Ulceration (of Intestines, }	2	2	2	6	2	
XII.—Violence, Privation, Cold and	2	4	2	8	29		&c.) .....						
Intemperance .....							Hernia .....	..	..	..	..	2	
I.—Small Pox .....	26	..	..	26	15		Colic or Ileus .....	..	2	1	3	2	
Measles .....	71	..	..	71	36		Intussusception .....	..	1	..	1	1	
Scarlatina .....	61	3	..	64	44		Stricture (of the Intestinal }	..	..	1	1	1	
Whooping Cough .....	25	..	..	25	32		Canal) .....						
Croup .....	6	..	..	6	8		Hamatemesis .....	..	2	1	3	1	
Thrush .....	4	..	..	4	5		Disease of Stomach, &c. ..	2	1	4	7	6	
Diarrhoea .....	18	2	8	28	17		Disease of Pancreas .....	..	..	..	..	1	
Dysentery .....	3	4	1	8	4		Hepatitis .....	..	1	1	2	3	
Cholera .....	1	..	..	1	1		Jaundice .....	2	3	1	6	2	
Influenza .....	..	..	2	2	3		Disease of Liver, &c. ....	3	5	3	11	10	
Ague .....	..	..	..	..	1		Disease of Spleen.....	..	..	..	..	2	
Remittent Fever.....	..	..	..	..	1								
Typhus .....	26	42	12	80	36		VII.—Nephritis.....	..	..	..	..	5	
Erysipelas .....	4	2	2	8	7		Ischuria .....	1	..	1	2	1	
Syphilis .....	3	..	..	3	2		Diabetes .....	1	1	..	2	1	
Hydrophobia .....	..	..	..	..	..		Cystitis .....	..	1	1	2	4	
II.—Hæmorrhage .....	1	..	..	1	3		Stone .....	..	2	..	2	1	
Dropsy .....	4	7	4	15	24		Stricture (of the Urethra)..	..	2	..	2	1	
Abscess .....	..	..	..	..	2		Disease of Kidneys, &c. ..	..	6	3	9	6	
Noma .....	1	..	..	1	1								
Mortification .....	..	1	1	2	4		VIII.—Childbirth .....	..	10	..	10	9	
Purpura .....	..	..	..	..	4		Paramenia .....	..	..	..	..	3	
Scrofula .....	7	..	..	7	4		Ovarian Dropsy .....	..	..	1	1	1	
Cancer .....	..	8	2	10	14		Disease of Uterus, &c. ....	..	2	..	2	3	
Tumour .....	..	..	..	..	5								
Gout .....	..	1	1	2	1		IX.—Arthritis .....	..	..	..	..	1	
Atrophy .....	24	2	2	28	14		Rheumatism .....	..	4	2	6	4	
Debility .....	24	..	..	24	22		Disease of Joints, &c. ....	2	3	..	5	4	
Malformations .....	4	..	..	4	3								
Sudden Deaths (including	5	4	2	11	13		X.—Carbuncle .....	..	..	..	..	2	
Coroners' Inquests, in which it is							Phlegmon .....	..	1	..	1	2	
not shewn from what diseases or							Ulcer .....	..	..	..	..	8	
causes the persons died.)							Fistula .....	..	1	..	1	4	
III.—Cephalitis .....	5	5	2	12	12		Disease of Skin, &c.....	1	..	..	1	8	
Hydrocephalus .....	25	..	..	25	32								
Apoplexy .....	2	4	7	13	23		XI.—Old Age .....	..	..	42	42	65	
Paralysis .....	..	10	13	23	19								
Convulsions .....	28	1	1	30	51		XII.—Intemperance .....	..	1	..	1	1	
Tetanus .....	..	..	..	..	4		Privation .....	..	..	..	..	7	
Chorea .....	..	..	..	..	1		Violent Deaths .....	2	3	2	7	28	
Epilepsy .....	1	3	..	4	5								
Insanity .....	..	..	..	..	2		Causes not Specified.....	1	..	..	1	7	
Delirium Tremens.....	..	3	..	3	2								
Disease of Brain, &c. ....	3	6	1	10	11								

5 Autumns.

Weekly Average derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population	Males .....	528	Deaths registered in the Week	Males .....	529	Births registered in the Week	Males .....	682
	Females .....	518		Females .....	523		Females .....	654
	Total	1046		Total..	1052		Total..	1336

## DISTRICTS OF LONDON,

Comprising 135 Registrar's Districts.

	Area in square Miles	Population in 1841	Weekly Average derived from Deaths of 1842-6, and corrected for increase of Population	DEATHS registered in the Week	BIRTHS registered in the Week
			5 Autumns		
WEST DISTRICTS { Kensington; Chelsea; St. George, Hanover-square; Westminster; St. Martin in the Fields; St. James	17.2	301,326	146	151	197
NORTH DISTRICTS { St. Marylebone; St. Pancras; Islington; Hackney; part of Edmonton; viz. Hampstead	20.5	376,396	184	207	256
CENTRAL DISTRICTS { St. Giles and St. George; Strand; Holborn; Clerkenwell; St. Luke; East London; West London; City of London	2.8	374,759	196	189	225
EAST DISTRICTS { Shoreditch; Bethnal Green; Whitechapel; St. George in the East; Stepney; Poplar	8.8	393,247	232	221	298
SOUTH DISTRICTS { St. Saviour; St. Olave; Bermondsey; St. George, Southwark; Newington; Lambeth; Wandsworth and Clapham; Camberwell; Rotherhithe; Greenwich; Lewisham	66.2	502,483	288	284	360
TOTALS	115.5	1,948,211	1046	1052	1336

Births and Deaths not caused by Violence, registered in the Metropolis in the last 13 weeks, with the Mean Temperature for the same periods.

	14th Aug.	21st Aug.	28th Aug.	4th Sept.	11th Sept.	18th Sept.	25th Sept.	2nd Oct.	9th Oct.	16th Oct.	23rd Oct.	30th Oct.	6th Nov.
BIRTHS	1232	1223	1222	1295	1277	1162	1260	1454	1241	1254	1257	1291	1336
DEATHS (except from Violence)	1080	1046	1059	1014	1012	1123	1022	1041	995	940	951	928	1045
Deaths (except from Violence) at 60 yrs. & upwards	293	195	209	183	164	196	184	192	193	206	168	167	191
Diphtheria	158	138	124	108	119	95	89	53	45	31	33	25	28
Typhus	70	62	74	77	81	111	77	79	79	93	78	73	80
Purpura	5	5	1	1	1	1	1	1	3	1	1	1	1
Mean Temperature	63.2	64.1	60.3	54.3	50.3	54.1	50.1	51.7	53.0	54.8	53.5	49.8	50.5

DEATHS from Purpura or from Scurvy in LONDON;—

YEARS	Quarters of 13 weeks each, ending in				Total in the Year
	March	June	Sept.	Dec.	
1842	3	5	4	4	16
1843	2	1	6	4	13
1844	5	3	7	6	21
1845	2	4	11	8	25
1846	5	9	9	5	28
1847	16	25	20		

DEATHS registered in LONDON, in corresponding series of weeks of eight years:—

No. of week	39	40	41	42	43	44	45	Average of 7 weeks
1840	882	819	889	860	891	1001	910	893
1841	907	843	837	802	819	840	841	847
1842	952	873	849	891	992	981	956	923
1843	1068	1083	977	1133	1143	1087	1043	1076
1844	944	974	1081	908	948	979	1002	969
1845	869	867	797	782	785	939	955	859
1846	813	949	919	835	896	991	958	909
Average of 7 yrs	919	915	900	887	925	978	952	926
1847	1052	1143	1022	953	967	945	1052	1019

The mortality of Wandsworth and Clapham, and that of Lewisham and sub-district of Hampstead, are included in this table throughout the eight years.

1	2	3	4
Specified Ages	Deaths registered last week in London	Deaths which would have been registered if the rate of mortality had been the same as in Dorsetshire, Dec. Quarters, 1838-44.	Excess of Mortality in London during the week
0-15	542	255	287
15-35	136	125	11
35-55	138	100	38
55 and upwards	236	179	57
All Ages	1052	659	393

In Week ending Nov. 6th, causes of Deaths were:—

(1) Certified by written statement of Medical Attendant in	980 cases
(2) Attested by Coroner, or stated by him to be "natural," "sudden," or not ascertainable, in	25 "
(3) Stated to have had no medical treatment	9 "
(4) Not certified, or not otherwise than by verbal statement	38 "
Total	1052 "

Cases included under first and second heads show a proportion to the total number, equal to 95 per cent. Under the fourth head are probably included some cases which had no medical attendance.

## EXTRACTS FROM THE METROPOLITAN RETURNS OF THE PREVIOUS WEEK, No. 44.

(The tabular abstract on the first page is for the week ending Saturday, Nov. 6th. The following selection of cases is made from the returns for the week ending Oct. 30th.)

## RETURNS OF VIOLENT DEATHS, MADE CHIEFLY BY CORONER.

NOTE.—The cases of violence not returned by the Coroner, have the words "no inquest."

<b>Fractures and Contusions:—</b> In St. George's Hospital, gardener, 40 (post mort.), fracture of cervical vertebra—fell from a walnut tree at Frogmore farm, Mortlake, when thrashing walnuts. . . . . 6 days In St. George's Hospital whitesmith, 52, wound in the head, extending into the lateral sinus—fell when at work on a scaffold at Archbishop Tennison's chapel, Regent-street—his head struck the spike of railing. . . . . 5 days Labourer, 48 (post mort.), fracture of the skull, and shock by falling through the well of a staircase, when at work at an unfinished house in Ennismore-place, Kensington. . . a few min. M. 23, fracture of his skull, by throwing himself out of a window in the Debtor's prison (temporary insanity). . . . . 10 min. Umbrella-maker, 52, accidental death from a fall down stairs. . . . . 3 days In St. George's Hospital, labourer, 24, internal hemorrhage—fell when driving a cart in Pelham-road, Kensington—the wheels passed over his body. . . . . about 30 min.	<b>Fractures and Contusions (continued):—</b> In St. George's Hospital, blacksmith and farrier, 40 (post mort.), fracture of the skull, and laceration of the brain—kicked by a horse which kicked at a mule he was shoeing in his shop, at New Manor-street, Chelsea. . . . . 4 days M. 27 (no inquest), lumbar abscess, originating from accident. . . . . M. 4 (post mort., no inquest), concussion of the brain. . . . . 36 hours <b>Wounds:—</b> M. 40, { traumatic erysipelas of the arm (no inquest) { from slight abrasion of the thumb. . . . . 10 days jaundice. . . . . some time <b>Drowning:—</b> M. formerly a gentleman's servant, 63, suicide by drowning (insane at the time). . . . . <b>Burns and Scalds:—</b> M. 2, accidental burns caused by clothes taking fire. . . . .	<b>Burns and Scalds (continued):—</b> In St. George's Hospital, bricklayer, 33, scald of the legs and back, from falling when intoxicated into hot work, at the Star Brewery, Old Brompton. . . . . 7 days In St. George's Hospital, son of a shoe-maker, 3 (post mort.), scald of the back and thighs by the falling of a kettle from the fire, hearth which deceased was sitting. . . . . 80 days Daughter of a police constable, 8 mon. (no inquest), scald of the chest. . . . . 1 day pneumonia—meningitis. . . . . 2 days <b>Poison:—</b> In St. George's Hospital, servant (single woman), 20 (post mort.), corrosive sublimate in bug poison—suicide in temporary insanity, 5 days M. 70, poisoned himself with prussic acid (temporary insanity). . . . . about 15 min. F. 40 (no inq.), phlegmonous erysipelas. . . . . 24 days brought on from poison imbibed in the thumb, with excessive discharge of pus. Doubtful case. In this entry it should have been stated whence the poison was derived.
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## SIXTEEN HOSPITALS.—CAUSES OF DEATHS (NOT VIOLENT) AS RETURNED BY THE MEDICAL OFFICERS.

NOTE.—Deaths in hospitals from fractures, wounds, burns, scalds, poison, are not contained in this list. See deaths by violence.

<b>Consumption H:—</b> No deaths registered. <b>St. George's H:—</b> M. 57, disease of the liver—dropsy. . . . . M. 27 (post mort.), urinary abscess—cavity communicating with the bladder. . . . . F. 46, disease of the heart and liver—erysipelas of the face. . . . . M. 36 (post mort.), ulcers of rectum—fistula in ano—operation—peritonitis—perforation. . . . . M. 40, dropsy from diseased kidneys. . . . . about 3 weeks See Violent Deaths.	<b>Westminster H:—</b> M. 86 (post mort.), febris typhoides. . . . . 12 days <b>Charing Cross H:—</b> No deaths registered. <b>Middlesex H:—</b> M. 32, diseased heart. . . . . 3 weeks M. 51, diseased liver. . . . . 6 months M. 44, cerebral disease. . . . . 8 days M. 32, { diseased ankle. . . . . 2 years { amputation. . . . . 6 hours F. 58, abscess of thigh. . . . . F. 35, pericarditis—diseased kidneys. . . . . F. 28, diseased ovary. . . . .	<b>University College H:—</b> No deaths registered. <b>Royal Free H:—</b> No deaths registered. <b>Fever H:—</b> M. 40 (post mort.), typhus in hospital 11 days. . . . . 18 days M. 65, fever. . . . . 8 days in hospital 4 days. F. 65, { typhus. . . . . 23 days { fatty degeneration of liver. . . . . long standing in hospital 11 days.
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**SIXTEEN HOSPITALS.—CAUSES OF DEATH (NOT VIOLENT) AS RETURNED BY THE MEDICAL OFFICERS (continued):—**

<b>Fever II. (continued):—</b>		<b>duration</b>	<b>St. Bartholomew's H. (continued):—</b>		<b>duration</b>	<b>St. Thomas' H. (continued):—</b>		<b>duration</b>
F. 65, fever	about 30 days		M. 35, erysipelas	*		M. 42, { rheumatism.....	6 months	
(p.m.) { laryngitis	4 days		M. 28, diabetes	*		{ typhus.....	2 weeks	
{ ulcer in ileum healing—large slough in rim of			F. 36, peritonitis, after tapping for dropsy,	*		F. 33, disease of the lungs—ulceration of the		
{ glottidis.	6 days		{ dependent upon cirrhosis	*		{ cartilage of hip-joint, with dislocation and		
F. 32, cholera	6 days		F. 1, emphysema—exhaustion	*		{ fistula.....	*	
in hospital 3 days.			F. 19 (post mort.), chronic endocarditis, with	*		<b>Guy's H.:—</b>		
F. 65, fever	8 days		{ enlargement of liver, and dropsy	*		M. 49, typhus.....	*	
in hospital 4 days.			<b>London H.:—</b>			M. 16, renal dropsy—convulsions	*	
<b>Small Pox H.:—</b>			M. 46, aneurism of femoral artery	*		F. 23, { delirium tremens.....	3 days	
M. 19, small pox, confluent (unprotected)	13 days		M. 19, tumour	*		{ ascites—anasarca.....	*	
M. 25, small pox, confluent	5 days		M. 37, abscess	*		<b>Royal Ordnance H.:—No deaths registered.</b>		
{ vaccinated young in Hanover—no cicatrix.			M. 21, brought to the hospital in an exhausted			<b>Dreadnought H.:—</b>		
<b>King's College H.:—</b>			{ condition, from frequent attacks of vomit-			{ stricture of urethra.....	10 months	
M. 58 (post mort.), pleuro-pneumonia	several days		{ ing of blood	1 hour		M. 33, { diarrhoea.....	13 days	
<b>St. Bartholomew's H.:—</b>			F. 42, { hemiplegia.....	14 days		{ (p.m.) hæmaturia.....	10 days	
M. 57, typhus.....	*		{ apoplexy.....	1 day		{ abscess in kidneys—cystitis.....	*	
M. 38, phthisis.....	*		<b>St. Thomas' H.:—</b>			M. 20, { typhus.....	15 days	
M. 63, disease of the spine.....	*		F. 4 (post mort.), pneumonia	*		{ (p.m.) diarrhoea.....	8 days	
			F. 43, paraplegia.....	6 weeks		{ extensive ulceration of Peyer's glands	*	
			{ from excessive drinking.					
			M. 49 (post mort.), malignant disease of stomach	*				

**DEATHS BY: SMALL-POX, TYPHUS, ETC., SYPHILIS, MALFORMATION, HERNIA, DIABETES, STONE, CHILDBIRTH, DELIRIUM TREMENS, INTemperance, PRIVATION, WANT OF BREASTMILK, PURPURA, HÆMORRHIAGE, HÆMATEMESIS, ETC.**

Small Pox:—	duration	Typhus, &c. (continued):—	duration	Ague:—	duration
NOTE.—It should be stated in all cases whether vaccination had been performed with effect.					
F. 1, smallpox (not vaccinated)	2 weeks	WEST LONDON; South.		F. 5, { intermittent fever.....	2 weeks
F. 6, smallpox	2 weeks	CITY OF LONDON; North East.		{ (p.m.) .....	1 week
F. 3, smallpox		M. 27, gastric fever	14 days	Remittent Fever:—	
F. 1, { smallpox	3 days	SHOREDITCH; Hoxton, Old Town.		F. 2, convulsions and remittent fever—pertussis	20 days
{ with extensive petechial infiltration—		M. 49, fever	1 month	Syphilis:—	
{ delicate from birth.		— St. Leonard.		M. 16 days, syphilitic eruption.....	*
F. 2, smallpox (not vaccinated)	4 weeks	M. 8, fever	7 days	Malformation:—	
F. 1, smallpox (not vaccinated)	12 days	F. 1, fever	3 weeks	M. 2, { malformation of the heart.....	
F. under 1, smallpox (natural, without previous		F. 62, nervous fever, and chronic bronchitis	7 months	{ anasarca.....	8 weeks
{ vaccination)	9 days	— Haggerstone, West.		M. 3 wks., malformation—debility.	
M. 7 mon., smallpox (after vaccination)	*	F. 19, typhus	7 days	Hernia:—	
F. 3, smallpox (not vaccinated)	14 days	F. 75, typhoid fever	4 or 5 days	F. 64, strangulated hernia	*
F. 13, { smallpox	14 days	F. 2, fever and convulsions	7 days	M. 70, rupture in the groin	5 years
{ general debility	17 days	BETHNAL GREEN; The Green.		Diabetes:—	
{ not vaccinated.		M. 5, typhus	7 days	See Return of St. Bartholomew's Hospital.	
M. 21, { smallpox	17 days	— The Church.		Stone:—	
{ pneumonia	17 days	M. 27, biliary fever.....	4 days	No deaths registered from this cause.	
M. 5, { smallpox	11 days	M. 3, malignant typhus.....	*	Childbirth:—The time elapsing from commencement	
{ not vaccinated.		F. under 1, malignant typhus..	*	of labour to death should invariably be returned.	
F. 1, { smallpox	7 days	{ been re-registered		F. 36, { childbirth.....	6 days
{ not vaccinated.		— Hackney-road.		{ puerperal fever.....	*
F. 1, smallpox.....	*	F. 20 malignant typhus.....	14 days	F. 35, { fever.....	36 (hours?)
F. 3 mon., smallpox (natural, not vaccinated)	10 days	WHITECHAPEL; North.		{ childbirth.....	*
M. 4, smallpox (not vaccinated)	12 days	M. 51 fever.....	*	F. 39, puerperal fever.....	*
M. 7 mon., smallpox (not vaccinated)	14 days	M. 34, { fever.....	1 month	F. 25, { childbirth.....	5 days
F. 3, variola (not vaccinated)	8 days	{ diarrhoea.....	2 months	{ peritonitis.....	3 days
F. 1, smallpox (not vaccinated)	10 days	M. 36, fever.....	*	F. 29, metria—typhus.....	5 weeks
F. 5 weeks, smallpox.....	1 week	ST. GEORGE-IN-THE-EAST; St. Paul.		F. 21, puerperal febris.....	7 days
{ variola.....	7 days	M. 52, fever	10 days	F. 35, puerperal peritonitis.....	4 days
F. 4, { vaccinated when 2 weeks old, not known		St. Mary's.		F. 23, { parturition.....	5 days
{ by whom, or whether effectually.		M. 60, fever.....	*	{ puerperal peritonitis.....	4 days
F. 3, variola, confluent.....	*	St. John.		F. 35, { childbirth.....	*
F. 1, variola.....	1 month	M. 3, fever.....	*	{ puerperal convulsions.....	6 hours
M. 7, { smallpox.....	5 weeks	M. 22, diarrhoea subsequent on fever.....	*	F. 26, { childbirth.....	4 days
{ inflammation of the lungs.....	7 days	STEPNEY; Ratcliffe.		{ puerperal peritonitis.....	2 days
M. 1, { smallpox.....	14 days	F. 70, continued fever.....	14 days	Delirium Tremens:—	
{ vaccinated unsuccessfully.		Shadwell and Wapping.		M. 53 delirium tremens.....	*
See Return of Small Pox Hospital.		F. 8, continued fever (second attack).....	*	M. 44, delirium tremens.....	10 days
Chicken Pox:—		F. 52, gastric fever.....	3 weeks	continued fever terminating in effusion from	
M. 3, varicella—febris continua.....	*	— Mile End, Old Town (Lower).		disease of the liver.	
Typhus, &c.		M. 45, fever—disseminated liver.....	6 weeks	M. 48, delirium tremens.....	6 days
KENSINGTON; Town.		F. 57, fever.....	5 days	M. 47, delirium tremens.....	14 days
F. 85, { fever.....	8 weeks	POPLAR; Poplar.		accompanied with sphacelating abscesses all	
{ ulceration of the bowels.		F. 1, febris.....	7 weeks	over the body.	
WESTMINSTER; St. Margaret.		ST. SAVIOUR; St. Saviour.		See Return of Guy's Hospital.	
F. 22, ulceration of the bowels after fever.....	3 months	F. 47, fever.....	29 days	Intemperance:—	
ST. MARTIN-IN-THE-FIELDS; Long Acre.		ST. OLAVE; St. John.		M. 31, (inquest—post mort.) delirium tremens,	
F. 73, fever.....	14 days	M. 9, { typhus.....	3 weeks	{ brought on by excessive drinking.....	died suddenly
ST. MARLYBONE; All Souls.		{ enteritis.....	3 days	See Return of St. Thomas' Hospital.	
F. 56, fever.....	4 days	M. 40, febris—pneumonia.....	2 weeks	Privation:—	
The Rectory.		BERMONDSEY; Leather Market.		No deaths registered from this cause.	
F. 2, fever.....	*	M. 54, fever.....	*	Want of Breast-milk:—	
St. Mary.		St. Mary Magdalen.		M. under 1, debility and want of breast-milk.....	*
M. 33, fever.....	26 days	F. 4, { typhus.....	4 days	M. 7 weeks, atrophy from want of breast-milk from birth	
ST. PANCRAS; Tottenham.		{ cerebral congestion.....	*	M. 14 days, inanition.....	from birth
F. 25, typhus.....	10 days	ST. GEORGE, SOUTHWARK; Borough-road.		M. 1, weaning—diarrhoea.....	4 months
Somers Town.		M. 15, typhoid fever.....	*	F. 7 weeks, inanition.....	3 or 4 days
M. 47, typhus.....	21 days	ST. MARY NEWINGTON; Trinity.		Purpura:—	
Kentish Town.		F. 61, { fever.....	7 days	M. 57, purpura.....	6 days
F. 4, typhus.....	12 days	{ erysipelas of the lower extremities.....	*	died rather suddenly.	
HACKNEY; Hackney.		F. 49, continued fever.....	*	F. 35, purpura, and undeveloped variola.....	5 days
F. 74, { fever.....	3 weeks	LAMBETH; Lambeth Church (first part).		Hæmorrhage:—	
{ mucro-enteritis.....		F. 41, typhus.....	16 days	F. 66, (inquest) natural death from rupture of	
ST. GILES-IN-THE-FIELDS; South.		Lambeth Church (second part).		{ a bloodvessel.....	*
M. 9, typhus.....	*	M. 3, fever.....	3 weeks	Hæmatemesis:—	
F. 30, typhus.....	*	M. 2, typhus.....	2 weeks	F. 70, hæmatemesis—exhaustion.....	*
F. 56, typhus.....	6 days	F. 4, typhus.....	14 days	See Return of London Hospital.	
CLERKENWELL; Goswell-street.		Kennington (second part).		Disease of Liver: Hæmatemesis:—	
M. 6, fever.....	4 weeks	M. 31, typhus—inflammation of lungs.....	28 hours	M. 59, { hepatic disease.....	24 years
St. James.		F. 61, typhus.....	7 days	{ hæmatemesis.....	3 weeks
{ fever.....	5 days	CAMBERWELL; Camberwell.		F. 28, { hepatic induration.....	11 months
{ hastened by previous debility.		F. 29, fever.....	4 weeks	{ hæmatemesis.....	3 weeks
F. 4, { chronic enlargement of liver—congestion		GREENWICH; St. Paul's, Deptford.		Miscellaneous Causes:—	
{ of lungs—excessive fatigue from having		M. 61, typhus.....	*	F. 45, (post mort.) cirrhosis—granular disease	
{ walked many miles within a few days of		M. 30, typhus—congestion of kidney and liver	*	{ of the kidneys.....	*
{ death.		F. 2, fever.....	1 week	F. 52, cirrhosis of the liver.....	*
ST. LUKE; City Road.		Woolwich Arsenal.		M. 3 days, premature birth at 8 months' preg-	
M. 2, brain fever.....	3 weeks	M. 61, { fever.....	6 days	{ nancy, the result of fright at the approach	
EAST LONDON; Chipplegate.		{ paralysis.....	1 day	{ of an infuriated ox.	
M. 43, typhus.....	3 days				

**ANALYSIS OF CASES IN WHICH INQUESTS WERE HELD.**—Violence, 13; rupture of a blood-vessel, 1; disease of the heart, 1; intemperance, 1; other specified causes, 3; "natural death," "found dead," "visitation of God," &c., 3.—TOTAL, 22 cases.

**THE NUMBER OF CASES** in which it is recorded that a POST MORTEM EXAMINATION was made, is 38.

# METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH,

During the Week ending Saturday, 6th November, 1847.

Day.	Phases of the Moon	Mean height of the Barometer, from 12 Observations, (corrected and reduced to 32 degrees Fahrenheit.)	Readings of Thermometers										Difference between the Dew Point Temperature and Air Temperature			Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 25 years	WIND						Mean Amount of Cloud, 0-10	Rain in inches, read at 9 o'clock the next morning																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
			Dry			Dew Point	Highest in the sun, as shown by a self-register- ing Thermometer	Lowest on the grass, as shown by a self-register- ing Thermometer	In the Water of the Thames at Greenwich, by the self- registering Thermometer, read at 9 o'clock next morning		Mean			General Direction			Pressure in lbs. on the square foot		Amount of Horizontal Movement of the Air in each day																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
			High- est from 12 Obs.	Low- est from 12 Obs.	Mean from 12 Obs.				Mean from 12 Obs.	Highest	Lowest	Diff.	Greatest	Least	A.W.		P.W.	Greatest		Least	Mean of 19 Obs.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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DAY	ELECTRICITY	Circumstances accompanying the exhibition of Electricity	GENERAL REMARKS
SUN.	Nothing was shewn during the day.		The sky was generally overcast throughout the day with cirrostratus.
MON.	Nothing was shewn till near midnight, when it was positive with weak tension.		The sky was overcast till 8h. a.m. and about one-third covered during the remainder of the day. Cirrostratus and scud were the prevailing clouds. There was an aurora at night and the magnets were disturbed.
TUES.	Nothing was shewn till noon. During the remainder of the day positive with weak tension, except at 9h. 30m. p.m. when nothing was shewn.		The sky was cloudless till 8h. p.m. and from this time till midnight there was a dense fog.
WED.	Positive and very weak at 3h. 30m. p.m.; nothing was shewn at any other times.		The sky was overcast with cirrostratus throughout the day. A dense fog prevailed during the day, and particularly during the evening.
THURS.	Nothing was shewn on Thursday, Friday or Saturday.		The sky was overcast with cirrostratus and scud throughout the day.
FRID.			The sky was generally overcast till 6h. p.m.; it was clear from that time till 10h. p.m., and overcast afterwards. Cirrostratus, fleecy clouds and scud were prevalent.
SAT.			The sky was partially clear till 3h. 30m. a.m. after which time it became overcast with cirrostratus and scud, with occasionally heavy rain, till midnight.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The amount of clouds is estimated by considering a clear sky to be represented by 0, a cloudy sky by 10; and when partially cloudy by estimating the number of tenths of the whole sky covered with cloud. The observations are taken every two hours, day and night.

The readings of the two self-registering thermometers, the one placed in the full rays of the sun, and the other placed on grass fully exposed to the sky, are taken every morning at 9 A.M., and therefore exhibit the highest and lowest readings respectively, that have occurred in the previous 24 hours. They are, however, placed here opposite to the civil day which precedes that on which the thermometers are read. The thermometer, whose bulb was placed in the full rays of the sun, was broken at the beginning of this week.

Whewell's anemometer (from the indications of which the estimation of horizontal movement is made) is read at 10 A.M., and the result given is for the 24 hours preceding. It is placed here opposite to the civil day, which precedes that on which the anemometer is read.

The average temperature for 25 years is furnished by Mr. Henry, Assistant at the Royal Observatory, from the observations made at his residence in the neighbourhood of Greenwich Park.

\* In reading the 16th column, it will be borne in mind that + is read "higher," and — "lower," than the average.

The temperature of the water of the Thames is ascertained by the use of a self-registering thermometer, suspended from the side of the Dreadnought Hospital Ship, at the depth of about 2 feet below the surface. The readings of this instrument are registered under the superintendence of Lieutenant Sanders, R.N., Superintendent of the Dreadnought. The mean reading of a thermometer placed on the mainmast, and read each day at 6h. 30m. A.M., was 48°7; and the mean reading at 7h. 30m. P.M., was 51°8; the mean readings at the Royal Observatory for the same times were 48°3 and 50°2 respectively.

† The mean direction of the wind for the week was S.W.

# Births and Deaths registered in London,

During the Week ending Saturday, November 13th, 1847.

ANNUAL SERIES VIII.]

PUBLISHED BY AUTHORITY OF THE REGISTRAR GENERAL.

[No. 46.]

Causes of Death.	Age			Total	Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population		Causes of Death.	Age			Total	Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population	
	0 to 15	15 to 60	60 and upwards					0 to 15	15 to 60	60 and upwards			
ALL CAUSES.....	546	338	214	1098	1046		IV.—Laryngitis .....	4	2	..	6	2	
SPECIFIED CAUSES .....	546	338	213	1097	1039		Quinsey .....	..	1	1	2	2	
I.—Zymotic Diseases .....	249	55	18	322	211		Bronchitis .....	29	8	21	58	39	
SPORADIC DISEASES—							Pleurisy .....	1	3	1	5	3	
II.—Dropsy, Cancer, and other Diseases of uncertain or variable Seat .....	48	25	19	92	104		Pneumonia .....	66	7	6	79	109	
III.—Diseases of the Brain, Spinal Marrow, Nerves and Senses .....	80	25	26	131	157		Hydrothorax .....	1	1	1	3	5	
IV.—Diseases of the Lungs, and of the other Organs of Respiration .....	115	135	49	299	335		Asthma .....	..	8	10	18	24	
V.—Diseases of the Heart and Blood-vessels .....	3	23	17	43	34		Phthisis (or Consumption) .....	12	101	8	121	134	
VI.—Diseases of the Stomach, Liver, and other Organs of Digestion .....	37	33	27	97	74		Disease of Lungs, &c. ....	2	4	1	7	16	
VII.—Diseases of the Kidneys, &c. ....	1	4	4	9	9		V.—Pericarditis.....	1	1	..	2	2	
VIII.—Childbirth, Diseases of the Uterus, &c. ....	1	15	1	17	14		Aneurism .....	..	2	..	2	1	
IX.—Rheumatism, Diseases of the Bones, Joints, &c. ....	2	7	2	11	7		Disease of Heart, &c. ....	2	20	17	39	31	
X.—Diseases of the Skin, Cellular Tissue, &c. ....	1	1	1	3	2		VI.—Teething.....	6	..	..	6	14	
XI.—Old Age .....	..	..	46	46	65		Gastritis .....	..	1	1	2	15	
XII.—Violence, Privation, Cold and Intemperance .....	9	15	3	27	29		Enteritis .....	8	6	1	15	3	
I.—Small Pox .....	40	2	..	42	15		Peritonitis .....	1	5	1	7	10	
Measles .....	58	..	..	58	36		Tabes Mesenterica.....	15	1	..	16	1	
Scarlatina .....	68	3	..	71	44		Worms .....	..	..	..	..	2	
Whooping Cough .....	17	..	..	17	32		Ascites .....	..	..	2	2	2	
Croup .....	9	..	..	9	8		Ulceration (of Intestines, &c.) .....	..	..	2	2	2	
Thrush .....	7	..	..	7	5		Hernia .....	..	..	2	2	2	
Diarrhoea .....	10	2	8	20	17		Colic or Ileus .....	2	3	..	5	2	
Dysentery .....	3	3	1	7	4		Intussusception .....	1	..	2	3	1	
Cholera .....	1	..	..	1	1		Stricture (of the Intestinal Canal) .....	..	1	..	1	1	
Influenza .....	3	1	..	4	3		Hæmatemesis .....	..	3	2	5	1	
Ague .....	1	..	..	1	1		Disease of Stomach, &c. ....	2	1	5	8	6	
Remittent Fever.....	1	..	..	1	1		Disease of Pancreas .....	..	..	..	..	1	
Typhus .....	28	34	6	68	36		Hepatitis .....	..	3	2	5	3	
Erysipelas .....	3	10	3	16	7		Jaundice .....	1	1	..	2	2	
Syphilis .....	..	..	..	..	2		Disease of Liver, &c. ....	1	8	7	16	10	
Hydrophobia .....	..	..	..	..	..		Disease of Spleen.....	..	..	..	..	2	
II.—Hæmorrhage .....	..	..	..	..	3		VII.—Nephritis.....	..	1	..	1	5	
Dropsy .....	3	6	7	16	24		Ischuria .....	..	..	..	..	1	
Abscess .....	..	..	..	..	2		Diabetes .....	..	..	..	..	1	
Noma .....	..	..	..	..	1		Cystitis .....	..	1	..	1	4	
Mortification .....	..	1	2	3	4		Stone .....	1	..	1	2	1	
Purpura .....	..	..	..	..	4		Stricture (of the Urethra) ..	..	..	2	2	1	
Scrofula .....	2	1	..	3	4		Disease of Kidneys, &c. ....	..	2	1	3	6	
Cancer .....	..	10	5	15	14		VIII.—Childbirth .....	..	13	..	13	9	
Tumour .....	..	..	1	1	5		Paramenia .....	1	..	..	1	3	
Gout .....	..	..	1	1	1		Ovarian Dropsy .....	..	..	..	..	1	
Atrophy .....	21	1	..	22	14		Disease of Uterus, &c. ....	..	2	1	3	3	
Debility .....	10	..	..	10	22		IX.—Arthritis.....	..	..	1	1	1	
Malformations .....	6	1	..	7	3		Rheumatism .....	..	7	1	8	4	
Sudden Deaths (including Coroners' Inquests, in which it is not shewn from what diseases or causes the persons died.)	6	5	3	14	13		Disease of Joints, &c. ....	2	1	1	2	4	
III.—Cephalitis .....	4	2	..	6	12		X.—Carbuncle .....	..	1	..	1	2	
Hydrocephalus .....	25	..	1	26	32		Phlegmon .....	..	..	..	..	2	
Apoplexy .....	4	2	8	14	23		Ulcer .....	..	..	1	1	8	
Paralysis .....	..	5	12	17	19		Fistula.....	..	..	..	..	4	
Convulsions .....	43	..	..	43	51		Disease of Skin, &c. ....	1	..	..	1	8	
Tetanus .....	..	1	..	1	4		XI.—Old Age .....	..	..	46	46	65	
Chorea .....	..	..	..	..	1		XII.—Intemperance .....	..	1	1	2	1	
Epilepsy .....	1	7	..	8	5		Privation.....	..	..	..	..	7	
Insanity .....	..	1	1	2	2		Violent Deaths .....	9	14	2	25	28	
Delirium Tremens.....	..	3	..	3	2		Causes not Specified.....	..	..	1	1	7	
Disease of Brain, &c. ....	3	4	4	11	11								

Weekly Average derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population

Males .....	528	Deaths registered in the Week	Males .....	549	Births registered in the Week	Males .....	638
Females .....	518		Females .....	549		Females .....	637
Total .....	1046		Total .....	1098		Total .....	1275

NOTE.—In the Rectory, Subdistrict, of St. Marylebone, a woman is reported to have died at the advanced age of 103 years. In the week ending Oct. 30th, a woman was registered as having died in the Subdistrict of St. Andrew, East, Holborn, at the age of 101 years.

DISTRICTS OF LONDON, Comprising 135 Registrars' Districts.		Area in square Miles	Population Enume- rated in 1841	Weekly Average derived from Deaths of 1842-6, and corrected for increase of Population	DEATHS registered in the Week	BIRTHS registered in the Week
				5 Autumns		
WEST DISTRICTS	Kensington; Chelsea; St. George, Hanover-square; Westminster; St. Martin in the Fields; St. James	17.2	301,326	146	173	139
NORTH DISTRICTS	St. Marylebone; St. Pancras; Islington; Hackney; part of Edmonton, viz. Hampstead	20.5	376,396	184	215	242
CENTRAL DISTRICTS	St. Giles and St. George; Strand; Holborn; Clerkenwell; St. Luke; East London; West London; City of London	2.8	374,759	196	210	216
EAST DISTRICTS	Shoreditch; Bethnal Green; Whitechapel; St. George in the East; Stepney; Poplar	8.8	393,247	232	221	306
SOUTH DISTRICTS	St. Saviour; St. Olave; Bermondsey; St. George, Southwark; Newington; Lambeth; Wandsworth and Clapham; Camberwell; Rotherhithe; Greenwich; Lewisham	66.2	502,483	288	279	372
TOTALS		115.5	1,948,211	1046	1098	1275

Births and Deaths not caused by Violence, registered in the Metropolis in the last 13 weeks, with the Mean Temperature for the same periods.													
	21st Aug.	28th Aug.	4th Sept.	11th Sept.	18th Sept.	25th Sept.	2nd Oct.	9th Oct.	16th Oct.	23rd Oct.	30th Oct.	6th Nov.	13th Nov.
BIRTHS	1223	1222	1295	1277	1162	1260	1454	1241	1254	1257	1291	1336	1275
DEATHS (except from Violence)	1046	1059	1014	1012	1123	1022	1041	995	940	951	928	1045	1073
Deaths (except from Violence) at 60 yrs. & upwards	195	209	183	164	196	184	192	193	206	168	167	191	212
Diarrhoea	138	124	108	119	98	89	53	45	31	33	25	28	20
Typhus	62	74	77	81	111	77	79	79	93	78	73	80	68
Purpura	5	1	1	3	1	1	0	3	1	1	2	..	..
Mean Temperature	64.1	60.3	54.3	56.3	54.1	56.1	51.7	53.0	54.8	53.5	49.8	50.5	49.8

DEATHS registered in LONDON, in corresponding series of weeks of eight years.—									
No. of week.	40	41	42	43	44	45	46	Average of 7 weeks	
1840	819	889	860	891	1001	910	922	899	
1841	843	887	802	819	840	841	827	880	
1842	873	849	891	992	981	956	911	922	
1843	1083	977	1133	1143	1087	1043	1257	1103	
1844	974	1031	908	948	979	1002	1085	990	
1845	867	797	782	785	989	955	952	871	
1846	949	919	885	896	991	958	930	925	
Average of 7 yrs	915	900	887	925	978	952	983	934	
1847	1143	1022	953	967	945	1052	1098	1026	

DEATHS from Purpura or from Scurvy in LONDON;—					
YEARS	Quarters of 13 weeks each, ending in				Total in the Year
	March	June	Sept.	Dec.	
1842	3	5	4	4	16
1843	2	1	6	4	13
1844	5	3	7	6	21
1845	2	4	11	8	25
1846	5	9	9	5	28
1847	16	25	20		

1	2	3	4
Specified	Deaths registered last week in London	Deaths which would have been registered if the rate of mortality had been the same as in Dorsetshire, Dec. Quarters, 1838-44.	Excess of Mortality in London during the week
0-15	546	255	291
15-35	154	125	29
35-55	142	100	42
55 and upwards	256	179	77
All Ages	1098	659	439

In Week ending Nov. 13th, causes of Deaths were;—	
(1) Certified by written statement of Medical Attendant in	957 cases
(2) Attested by Coroner, or stated by him to be "natural," "sudden," or not ascertainable, in	58 "
(3) Stated to have had no medical treatment	14 "
(4) Not certified	69 "
Total	1098 "

Cases included under first and second heads show a proportion to the total number, equal to more than 92 per cent. Under the fourth head are probably included some cases which had no medical attendance.

# EXTRACTS FROM THE METROPOLITAN RETURNS OF THE PREVIOUS WEEK, No. 45.

(The tabular abstract on the first page is for the week ending Saturday, Nov. 13th. The following selection of cases is made from the returns for the week ending Nov. 6th.)

NOTE.—M. or F. at the beginning of an entry indicates sex; the numerals which follow, mark the age at death, in years, except when otherwise stated. The italics at the end of an entry shew the duration of illness; and when the place is supplied by an asterisk (\*), the Coroner, Medical Practitioner, or other Informant, has not been able to ascertain, or has omitted to state the time in which the person has been subject to the disease or injury which has proved fatal. In making the return, it should invariably be stated that duration of illness could not be ascertained, when this is the case.

RETURNS OF VIOLENT DEATHS, MADE CHIEFLY BY CORONER.			
NOTE.—The cases of violence not returned by the Coroner, have the words "no inquest."			
<b>Fractures and Contusions:—</b>	duration	<b>Drowning:—</b>	duration
M. 9 mon., (no inq.), fell out of bed—effusion of left parietal bone—effusion of blood under pericranium—acute meningitis	5 days	M. 60, drowned no marks of violence—no proof how he came into the river (under water about 1½ hour).	
NOTE.—The following is the Coroner's return of a case of "concussion of the brain" which was imperfectly reported last week:—		M. about 23, found dead in the River Thames—cause unknown.	
Son of a waiter, 4 (p.m.), effects of a blow on the head—manslaughter against a boy unknown.		Sea-apprentice, 18, accidental death by a fall from a plank, and drowning, in the London Docks.	
		F. (person unknown) about 25, found dead without marks of violence—apparently drowned.	
		<b>Suffocation:—</b>	duration
		F. under 1, found dead in bed without marks of violence—apparently suffocated.	
		<b>Burns:—</b>	
		Widow of a cabinet-maker, 75, burnt in a house on fire—origin of the fire unknown—deceased was too nervous to descend the stairs and escape.	

SIXTEEN HOSPITALS.—CAUSES OF DEATHS (NOT VIOLENT) AS RETURNED BY THE MEDICAL OFFICERS.			
NOTE.—Deaths in hospitals from fractures, wounds, burns, scalds, poison, are not contained in this list. See deaths by violence.			
<b>Consumption II:—</b> No deaths registered.	duration	<b>Middlesex H:—</b>	duration
<b>St. George's H:—</b>		F. 52, erysipelas of hand and arm	7 days
M. 50, malignant disease of the oesophagus	*	F. 36, dropsy	*
F. 55 (post mort.), pneumonia—diseased kidneys	*	<b>University College H:—</b>	
F. 27, fever, and inflammation of the lungs	*	M. 56 (post mort.), albuminuria—anasarca—chronic bronchitis	*
<b>Westminster H:—</b>		M. 32, { hypertrophy and dilatation, with valvular disease of the heart. (p.m.)	2 years
M. 56, { disease of the rectum	months	albuminuria—anasarca—pulmonary apoplexy—hæmoptysis	
F. 25, phthisis pulmonalis	4 days	M. 22 (post mort.), erysipelas of the head and face—death from exhaustion	on the 11th day
<b>Charing Cross H:—</b>	months	M. 56 (post mort.), morbus cordis—consolidation of both lungs	*
M. 61 (post mort.), peripneumonia (dying when admitted)	*	F. 60 (post mort.), stricture of rectum—constipation	16 days
M. 24 (post mort.), diseased kidneys—dropsy	*		
		<b>Royal Free H:—</b> No deaths registered	
		<b>Fever H:—</b>	duration
		M. 53, { typhus	12 days
		(p.m.) { cirrhosis of liver	long, standing in hospital 6 days.
		M. 10, peritonitis	in hospital 10 hours.
		M. 45, typhus	in hospital 16 hours.
		F. 35, fever	in hospital 12 hours.
		F. 17, scarlet fever	11 days in hospital 4 days.
		M. 43 (post mort.), typhus	9 weeks in hospital 2 days, from St. James', Westminster.
		M. 22 (post mort.), pericarditis and pleurisy	12 days from Lambeth.

**SIXTEEN HOSPITALS.—CAUSES OF DEATH (NOT VIOLENT) AS RETURNED BY THE MEDICAL OFFICERS (continued).—**

*Small Pox H.*—No deaths registered.

*King's College H.*—No deaths registered.

*St. Bartholomew's H.*—

M. 5, scarlatina—anasarca	*
M. 29, diabetes	6 weeks
M. 54, dropsy	*
F. 20, disease of the brain	*
F. 17, dropsy	*
F. 10, atrophy	*
F. 21, vomiting of blood	*
M. 14, putrid sore throat	*
M. 21, fever—pneumonia—pleurisy	*
M. 28, disease of the heart	*

*London H.*—

M. 22, diseased lungs	3 months
M. 48, { retention of urine	*
{ spasms	3 days
{ apoplectic clot in left hemisphere	16 days
{ half an inch layer of fully organized lymph between the reflex and loose pericardium—right kidney atrophied	*
{ fatty degeneration of left kidney	*
{ large horned liver	*
F. 18, paralysis	4 months

*London H. (continued).—*

M. 41, { ulceration of larynx	6 weeks
{ tubercular disease of both lungs	8 months
{ fatty degeneration of kidneys—necrotic liver	*
M. 32 (post mort.), delirium tremens	4 days
{ serous effusion in the ventricles—great congestion of membranes of the brain—kidneys in the early stage of Bright's disease—myristicated liver	*
M. 42, suffocative catarrh	1 year
{ hypertrophy of the heart	*
{ synochus	17 days
F. 21, { deep purple congestion of lower intestine—nutmeg liver	*
{ hemorrhage from the bowels	2 days

*St. Thomas' H.*—

M. 36, ascites—cardiac disease	*
M. 38, phthisis	7 months
M. 27, gastro enteritis—irritation—typhus	*
M. 36, dropsy	*
M. 38, phthisis with ascites	1 year
M. 29, stricture	*
M. 42, horned liver	*
F. 49, dropsy—diseased heart	*

*Gay's H. (continued).—*

M. 28, phthisis	duration
M. 34, malignant disease of the testicle	*
M. 30, hypertrophy of the heart—disease of aortic valves—ascites	*
Royal Ordnance H.—	
M. 34, { disease of the knee-joint	*
{ erysipelas	91 days
M. 39, consumption	about 3 months
M. 29 (post mort.), fever	50 days
Dreadnought H.—	
M. 28, { phthisis	1 year
{ diarrhoea	13 days
M. 19 (post mort.), phthisis	*
{ extensive cavities in each lung—consolidation of base of left lung	*
M. 62, { chronic bronchitis	*
{ pneumonia of right lung	12 days
{ emphysema—extensive old adhesions of both pleura	*
M. 30, { hypertrophy of heart with dilatation	*
{ general dropsy	*
M. 25 (post mort.)	*
{ dilatation—thickened aortic semilunar valve	*
M. 19 (post mort.), typhus	9 days
{ ulceration of Peyer's patches	*

**DEATHS BY SMALL POX, TYPHUS, ETC., SYPHILIS, MALFORMATION, HERNIA, DIABETES, STONE, CHILDBIRTH, DELIRIUM TREMENS, INTemperance, PRIVATION, WANT OF BREASTMILK, PURPURA, HEMORRHAGE, HEMATEMESIS, ETC.**

*Small Pox.:*

NOTE.—It should be stated in all cases whether vaccination had been performed with effect.

M. 1, { small pox	14 days
{ measles	6 days
{ vaccinated when 4 months old with effect	*
F. 1, small pox—(natural—not vaccinated)	8 days
F. 1, variola, confluent	9 days
M. 13 weeks, variola with vibices and petechiae (not vaccinated)	6 days
M. 3, small pox (not vaccinated)	*
F. 8 months small pox (not vaccinated)	10 days
{ no medical attendant	*
F. 9 months, variola	16 days
F. 6, { confluent small pox	14 days
{ bronchitis	4 days
{ whether vaccinated, could not be ascertained	*
M. 1, variola (not vaccinated)	10 days
F. 6, variola	21 days
M. 4, small pox (not vaccinated) 1st attack	14 days
F. 11, confluent, small pox (not vaccinated)	6 days
M. 9, small pox	*
{ apparently vaccinated some years ago, but imperfectly—vaccinated again 14 days ago, 4 days before the eruption	*
F. 8 months, variola (not vaccinated)	1 week
M. 2, { small pox	14 days
{ diarrhoea	7 days
{ second attack—vaccinated a year ago without effect	*
M. 9 months, small pox (not vaccinated—no medical attendant)	*
M. 13, variola—diarrhoea	*
F. 4, small pox	7 days
{ first attack—not vaccinated	*
M. 2, small pox (after vaccination)	12 days
F. 3, variola	10 days
F. 2, variola (not vaccinated)	7 days
F. 11 months, small pox (10 days after vaccination)	*
M. 8 months, small pox (not vaccinated)	9 days
M. 6 months, small pox (not vaccinated)	14 days
F. 4, small pox—convulsions	14 days
{ vaccinated 3 years ago without effect	*
F. under 1, variola	12 days

*Typhus.:*

PADDINGTON; St. John.	24 days
M. 20, typhus	*
{ took fever at Derby, where it is very prevalent, and died 3 weeks after his arrival in London	*
KENSINGTON; Town.	
M. 52, fever	3 weeks
CHELSEA; South.	
M. 49, { bilious remittent fever	36 days
{ typhus	4 days
{ North West.	10 days
ST. GEORGE; MAY FAIR	
M. 27, fever	*
{ Belgrave.	18 days
M. 32, typhus	*
WESTMINSTER; St. Margaret.	
M. 2, typhus	1 week
ST. JAMES, WESTMINSTER; Berwick Street.	
M. 11, typhus	7 weeks
{ Golden Square.	*
M. 35, febris	*
ST. MARYLEBONE; The Rectory.	
M. 72, fever	2 days
M. 67, typhus	*
F. 33, typhus	*
M. 11, typhus	*
{ Christ Church.	7 days
ST. PANCRAS; Tottenham.	
M. 1, fever	*
EDMONTON; Hampstead.	
{ fever	*
F. 55, { pressure on the brain	about 1 year
{ frequent paralysis	*
ST. PANCRAS; Camden Town.	
F. 3, debility after fever	*
{ Regent's Park.	10 days
F. 37, { fever	3 days
{ acute insanity	*

*Typhus, &c. (continued).—*

HACKNEY; Stamford Hill.	3 days
ST. GILES-IN-THE-FIELDS; South.	
M. 1, typhus	*
F. 38, low fever	6 weeks
{ North.	*
M. 30, typhus	*
F. 59, fever	*
F. 45, typhus	3 weeks
HOLBORN; St. Andrew, East.	
F. 64, fever	2 weeks
{ Saffron-hill.	3 weeks
F. 4, fever—bronchitis	*
CLERKENWELL; Amwell.	
F. 9, congestive fever	*
{ St. James.	6 days
F. 21, typhus	3 weeks
ST. LUKE; Whitecross Street.	
F. 33, typhus—bronchitis	3 weeks
EAST LONDON; Cripplegate.	
M. 44, typhus	10 days
M. 45, continued fever—typhus	17 days
F. 7, { typhus	4 days
{ apoplexy	8 hours

*CITY OF LONDON; North East.*

M. 68, low fever	a few days
{ South West.	*
F. 14, typhus	*
SHOREDITCH; Holywell and Moorfields.	
F. 46, fever—bronchitis—muco-enteritis	11 weeks
{ St. Leonard.	7 days
F. 4, typhus	*
{ Haggerstone, West.	*
M. 37, typhus	*
F. 72, typhus	*
BETHNAL GREEN; The Church.	
M. 1, fever—convulsions	14 days
F. 12, typhus	14 days
{ The Town.	3 weeks
M. 17, { continued fever	3 days
{ inflammation of the lungs	*
WHITECHAPEL; Spital Fields.	
F. 11 months, fever—effusion on the brain	3 days
{ North.	14 days
M. 42, { typhoid fever	14 days
{ diarrhoea	14 days
F. 5, { typhus	*
{ cancrum oris	10 days
F. 33, fever	10 days
F. 47, typhus	16 days
{ Church.	11 days
ST. GEORGE-IN-THE-EAST; St. Mary.	
M. 4, typhus	10 days
M. 50, typhus	10 days
STEPNEY; Limehouse.	
M. 86, typhoid fever	5 days
{ Mile End, Old Town (Lower.)	11 days
F. 63, fever	*
ST. OLAVE; St. Olave and St. Thomas.	
M. 4, { pertussis	5 months
{ typhus	1 week
ST. MARY, MAGDALEN, Bermondsey; Leather Market	
F. 8, cold and low fever	12 days
{ St. Mary Magdalen.	20 days
F. 20, typhus	*
ST. GEORGE, SOUTHWARK; Kent-road.	
F. 39, fever	*
{ Borough-road.	1 month
M. 9, { typhus	7 days
{ cancrum oris	14 days
F. 88, typhus	*
LAMBETH; Waterloo (first part).	
M. 30, typhus	17 days
{ Lambeth Church (first part).	*
M. 14, febris, typhoid	*
{ Lambeth Church (second part.)	5 days
M. 2, typhus	6 weeks
M. 3, typhus	6 weeks
F. 9 months, typhus	14 days

*Typhus, &c. (continued).—*

LAMBETH; Kennington (second part).	12 days
F. 38, typhus	*
CAMBERWELL; Camberwell.	
M. 4, simple fever, with congestion of the brain	*
F. 47, typhus	5 days
GREENWICH; Woolwich Arsenal.	
M. 13, typhus with enteritis	8 weeks
F. about 70, fever and exhaustion	14 days
WANDSWORTH, ETC.; Wandsworth, &c.	
M. 83, low fever	*
LEWISHAM; Plumstead and Charlton.	
M. 25, fever	10 days
Infantile Remittent Fever.:	
M. 1, { infantile fever	14 days
{ congestion of the brain	6 days
Syphilis.:	
M. 3 weeks, syphilitic psoriasis	3 weeks
F. 10 weeks, syphilis	*
M. 15 days, congenital secondary syphilis	*
Malformation.:	
M. 5 days, anus imperforatus	*
F. 11 days, (post mort.), anus imperforatus—rectum forming a cul-de-sac, adherent to the sacrum	*
M. 11 mons. { cyanosis	2 months
{ hooping cough	3 weeks
{ teething	3 weeks
F. 7 months, imperforate urethra	*
Hernia.:	
No deaths registered from this cause.	*
Diabetes.:	
M. 7, diabetes—fever terminating in typhus	*

See Return of St. Bartholomew's Hospital.

Stone.—No deaths registered from this cause.

Childbirth.—The time elapsing from commencement of labour to death should invariably be returned.

F. 33, { childbirth	7 days
{ puerperal peritonitis	*
F. 29, puerperal fever	*
{ phlegmasia dolens	5 weeks
F. 26, { diarrhoea	5 weeks
{ pneumonia	*
{ after delivery attended by adhesion of placenta	*
F. 26, exhaustion from difficult labour	*
F. 28, { childbirth	9 days
{ inflammation—rapid effusion on the brain	6 days
F. 38, exhaustion after delivery	*
F. 31, puerperal mania	9 days
F. 27, puerperal fever	7 days
F. 33, puerperal peritonitis	9 days
F. 30, { childbirth	3 weeks
{ hysteritis	*

Disease and Childbirth.—

F. 30 (post mort.), childbirth	13 days
{ apoplexy of lungs—diseased heart	*
F. 34, { phthisis	9 months
{ miscarriage	2 days

Delirium Tremens.:

M. 28, { hemoptysis	14 days
{ delirium tremens	7 days
M. 57, { delirium tremens	4 days
{ jaundice	3 days

See Returns of London Hospital.

Intemperance.:

F. 30 (inquest), natural death—fits, resulting from habits of intemperance	*
Privation.—No deaths registered from this cause.	*
Want of Breast-milk.:	
M. 4 mon, atrophy—want of breast-milk	from birth
F. 6 weeks, atrophy—want of breast-milk	from birth
F. 2 weeks, debility from want of breast-milk	*

Purpura.—No deaths registered from this cause.

Hemorrhage.:

M. 5 mon, epistaxis	2 weeks
Hematemesis.:	
M. 58, hematemesis	3 days
F. 74, hemorrhage from the liver	*

See Return of St. Bartholomew's Hospital.

Miscellaneous Cases.:

F. 6 wks, { vaccination	4 weeks
{ convulsions	30 hours
F. 76, cirrhosis of the liver, and ascites	*
F. 6 mon. (post mort.), hydrocephalus	5 months
{ punctured three times	*

ANALYSIS OF CASES IN WHICH INQUESTS WERE HELD.—Violence, 6; pulmonary apoplexy, 1; disease of the heart, 2; intemperance, 1; other specified causes, 5; "natural death," "found dead," "visitation of God," &c., 10.—TOTAL, 25 cases.

THE NUMBER OF CASES in which it is recorded that a POST MORTEM EXAMINATION was made, is 39.

# METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH,

During the Week ending Saturday, 13th November, 1847.

Day.	Phases of the	Mean height of the Barometer, from 12 Observations, (corrected and reduced to 32 degrees Fahrenheit.)	Readings of Thermometers										Difference between the Dew Point Temperature and Air Temperature			Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 25 years	WIND						Mean Amount of Cloud, 0-10	Rain in inches, read at 9 o'clock the next morning																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
			Dry			Dew Point	In the Water of the Thames at Greenwich, by the self- registering Thermometer, read at 9 o'clock next morning	Lowest on the grass, as shown by a self-register- ing Thermometer	Highest and Lowest	General Direction		Pressure in lbs. on the square foot		Mean of 18 Obs.	Amount of Horizontal Movement of the Air in each day																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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DAY	ELECTRICITY	Circumstances accompanying the exhibition of Electricity	GENERAL REMARKS
SUN.			The sky was generally covered with cirrostratus, cumuli, and scud throughout the day. Rain was falling at about 9h. a.m.
MON.			The sky was about one-half covered with cirrostratus and light clouds till 2h. p.m., and overcast during the remainder of the day. Rain was falling occasionally between 3h. and 10h. p.m.
TUES.	Positive and tension moderate from 1h. p.m. till 4h. p.m. This is the only instance of electricity being shown throughout the week.		Thin cirrostratus and haze generally covered about one-half of the sky throughout the day. At about noon, and at a little before midnight, it was cloudless.
WED.			Cirri and light clouds covered one-fifth of the sky between 11h. a.m. and 6h. p.m. At other times it was quite cloudless.
THURS.			Cloudless till 2h. a.m., but generally overcast during the remainder of the day.
FRI.			Overcast throughout the day. Rain was falling from 1h. a.m. till 6h. a.m., but it was so fine that no amount was shown by the rain gauges.
SAT.			Thin cirrostratus and scud covered about one-third of the sky between 5h. a.m. and noon. Generally overcast at other times. Rain was falling for a short time at about 5h. 30m. p.m.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The amount of clouds is estimated by considering a clear sky to be represented by 0, a cloudy sky by 10; and when partially cloudy by estimating the number of tenths of the whole sky covered with cloud. The observations are taken every two hours, day and night.

The readings of the two self-registering thermometers, the one placed in the full rays of the sun, and the other placed on grass fully exposed to the sky, are taken every morning at 9 A.M., and therefore exhibit the highest and lowest readings respectively, that have occurred in the previous 24 hours. They are, however, placed here opposite to the civil day which precedes that on which the thermometers are read. The thermometer, whose bulb was placed in the full rays of the sun, is broken.

Whewell's anemometer (from the indications of which the estimation of horizontal movement is made) is read at 10 A.M., and the result given is for the 24 hours preceding. It is placed here opposite to the civil day, which precedes that on which the anemometer is read.

The average temperature for 25 years is furnished by Mr. Henry, Assistant at the Royal Observatory, from the observations made at his residence in the neighbourhood of Greenwich Park.

\* In reading the 16th column, it will be borne in mind that + is read "higher," and — "lower," than the average.

The temperature of the water of the Thames is ascertained by the use of a self-registering thermometer, suspended from the side of the Dreadnought Hospital Ship, at the depth of about 2 feet below the surface. The readings of this instrument are registered under the superintendence of Lieutenant Sanders, R.N., Superintendent of the Dreadnought. The mean reading of a thermometer placed on the mainmast, and read each day at 6h. 30m. A.M., was 46'7; and the mean reading at 7h. 30m. P.M., was 50'3; the mean readings at the Royal Observatory for the same times were 47'1 and 49'3 respectively.

† The mean direction of the wind for the week was S.S.W.

# Births and Deaths registered in London,

During the Week ending Saturday, November 20th, 1847.

ANNUAL SERIES VIII.]

PUBLISHED BY AUTHORITY OF THE REGISTRAR GENERAL.

[No. 47.]

Causes of Death.	Age			Total	Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population	5 Autumns	Causes of Death.	Age			Total	Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population	5 Autumns
	0 to 15	15 to 60	60 and upwards					0 to 15	15 to 60	60 and upwards			
ALL CAUSES.....	568	333	184	*1086	1046		IV.—Laryngitis .....	2	1	1	4	2	
SPECIFIED CAUSES .....	566	332	183	*1082	1039		Quinsey .....	1	..	1	2	2	
I.—Zymotic Diseases .....	253	68	22	*344	211		Bronchitis .....	31	11	19	61	39	
SPORADIC DISEASES—							Pleurisy .....	1	1	1	3	3	
II.—Dropsy, Cancer, and other Diseases of uncertain or variable Seat .....	52	20	17	89	104		Pneumonia .....	76	15	4	95	109	
III.—Diseases of the Brain, Spinal Marrow, Nerves and Senses ..	75	30	27	132	157		Hydrothorax .....	1	2	..	3	5	
IV.—Diseases of the Lungs, and of the other Organs of Respiration ..	129	123	41	293	333		Asthma .....	..	3	6	9	24	
V.—Diseases of the Heart and Blood-vessels .....	2	16	12	30	34		Phthisis (or Consump- tion) .....	13	87	8	108	134	
VI.—Diseases of the Stomach, Liver, and other Organs of Digestion ..	38	33	15	86	74		Disease of Lungs, &c. ....	4	3	1	8	16	
VII.—Diseases of the Kidneys, &c. ....	1	10	5	16	9		V.—Pericarditis.....	..	1	..	1	2	
VIII.—Childbirth, Diseases of the Uterus, &c. ....	..	13	..	13	14		Aneurism .....	..	1	..	1	1	
IX.—Rheumatism, Diseases of the Bones, Joints, &c. ....	7	6	..	13	7		Disease of Heart, &c. ....	2	14	12	28	31	
X.—Diseases of the Skin, Cellular Tissue, &c. ....	2	..	..	2	2		VI.—Teething.....	5	..	..	5	14	
XI.—Old Age .....	..	..	40	40	65		Gastritis .....	..	..	..	..	15	
XII.—Violence, Privation, Cold and Intemperance .....	7	13	4	24	29		Enteritis .....	4	4	1	9	3	
I.—Small Pox .....	21	5	..	26	15		Peritonitis .....	2	3	..	5	10	
Measles .....	75	1	..	76	36		Tabes Mesenterica.....	21	..	..	21	1	
Scarlatina .....	66	3	..	69	44		Worms .....	..	..	..	..	2	
Hooping Cough .....	24	..	..	24	32		Ascites .....	..	4	..	4	2	
Croup .....	5	..	..	5	8		Ulceration (of Intestines, &c.).....	1	2	..	3	2	
Thrush .....	6	..	..	6	5		Hernia .....	1	2	3	6	2	
Diarrhoea.....	14	5	5	24	17		Colic or Ileus .....	..	2	1	3	2	
Dysentery .....	..	1	1	2	4		Intussusception .....	..	..	..	..	1	
Cholera .....	..	..	..	..	1		Stricture (of the Intestinal Canal) .....	..	..	1	1	1	
Influenza .....	3	..	1	4	3		Hæmatemesis.....	1	2	..	3	1	
Ague .....	..	..	..	..	1		Disease of Stomach, &c. ..	2	5	2	9	6	
Remittent Fever.....	4	2	..	6	1		Disease of Pancreas .....	..	..	..	..	1	
Typhus .....	25	48	12	*86	36		Hepatitis .....	1	4	3	8	3	
Erysipelas .....	8	2	3	13	7		Jaundice .....	..	..	..	..	2	
Syphilis .....	2	1	..	3	2		Disease of Liver, &c. ....	..	5	4	9	10	
Hydrophobia .....	..	..	..	..	..		Disease of Spleen.....	..	..	..	..	12	
II.—Hæmorrhage .....	..	1	1	2	3		VII.—Nephritis.....	..	..	..	..	5	
Dropsy .....	3	3	4	10	24		Ischuria .....	..	..	..	..	1	
Abscess .....	..	..	..	..	2		Diabetes .....	..	2	..	2	1	
Noma .....	..	..	..	..	1		Cystitis .....	..	..	..	..	4	
Mortification .....	..	..	2	2	4		Stone .....	..	..	..	..	1	
Purpura .....	..	..	..	..	4		Stricture (of the Urethra) ..	..	3	1	4	1	
Scrofula .....	1	2	..	3	4		Disease of Kidneys, &c. ..	1	5	4	10	6	
Cancer .....	..	10	4	14	14		VIII.—Childbirth .....	..	9	..	9	9	
Tumour .....	..	..	..	..	5		Paramenia .....	..	1	..	1	3	
Gout .....	..	1	1	2	1		Ovarian Dropsy .....	..	1	..	1	1	
Atrophy .....	22	1	3	26	14		Disease of Uterus, &c. ....	..	2	..	2	3	
Debility .....	22	1	..	23	22		IX.—Arthritis .....	..	..	..	..	1	
Malformations .....	3	..	..	3	3		Rheumatism .....	1	5	..	6	4	
Sudden Deaths (including Coroners' Inquests, in which it is not shewn from what diseases or causes the persons died.)	1	1	2	4	13		Disease of Joints, &c. ....	6	1	..	7	4	
III.—Cephalitis .....	8	..	..	8	12		X.—Carbuncle .....	..	..	..	..	2	
Hydrocephalus .....	24	..	..	24	32		Phlegmon .....	1	..	..	1	2	
Apoplexy .....	2	12	11	25	23		Ulcer .....	1	..	..	1	8	
Paralysis .....	1	9	14	24	19		Fistula.....	..	..	..	..	4	
Convulsions.....	36	..	..	36	51		Disease of Skin, &c.....	..	..	..	..	8	
Tetanus .....	..	2	..	2	4		XI.—Old Age .....	..	..	40	40	65	
Chorea .....	..	..	..	..	1		XII.—Intemperance .....	..	1	1	2	1	
Epilepsy .....	1	3	1	5	5		Privation .....	..	..	..	..	7	
Insanity .....	..	..	..	..	2		Violent Deaths .....	7	12	3	22	28	
Delirium Tremens.....	..	3	..	3	2		Causes not Specified.....	2	1	1	4	7	
Disease of Brain, &c. ....	3	1	1	5	11								

Weekly Average derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population		5 Autumns.		Deaths registered in the Week		Births registered in the Week	
Males .....	528	Females .....	518	Males .....	544	Males .....	616
				Females .....	542	Females .....	640
Total 1046		Total.. 1086		Total.. 1256			

\* The age of one person, whose death is ascribed to typhus, is not stated.

DISTRICTS OF LONDON, Comprising 135 Registrars' Districts.		Area in square Miles	Population Enu- merated in 1841	Weekly Average derived from Deaths of 1842-3, and corrected for Increase of Population	DEATHS registered in the Week	BIRTHS registered in the Week
				5 Autumns		
WEST DISTRICTS	{ Kensington; Chelsea; St. George, Hanover-square; Westminster; St. Martin in the Fields; St. James .....	17.2	301,326	146	180	192
NORTH DISTRICTS	{ St. Marylebone; St. Pancras; Islington; Hackney; part of Edmonton, viz. Hampstead	20.5	376,396	184	167	235
CENTRAL DISTRICTS	{ St. Giles and St. George; Strand; Holborn; Clerkenwell; St. Luke; East London; West London; City of London .....	2.8	374,759	196	205	213
EAST DISTRICTS	{ Shoreditch; Bethnal Green; Whitechapel; St. George in the East; Stepney; Poplar .....	8.8	393,247	232	262	307
SOUTH DISTRICTS	{ St. Saviour; St. Olave; Bermondsey; St. George, Southwark; Newington; Lambeth; Wandsworth and Clapham; Camberwell; Rotherhithe; Greenwich; Lewisham	66.2	502,483	288	272	309
TOTALS .....		115.5	1,948,211	1046	1086	1256

Births and Deaths not caused by Violence, registered in the Metropolis in the last 13 weeks, with the Mean Temperature for the same periods.

	28th Aug.	4th Sept.	11th Sept.	18th Sept.	25th Sept.	2nd Oct.	9th Oct.	16th Oct.	23rd Oct.	30th Oct.	6th Nov.	13th Nov.	20th Nov.
BIRTHS .....	1222	1295	1277	1162	1260	1454	1241	1254	1257	1291	1336	1275	1256
DEATHS (except from Violence) .....	1059	1014	1012	1123	1022	1041	995	940	951	928	1045	1073	1064
Deaths (except from Violence) at 60 yrs. & upwards .....	209	183	164	196	184	192	193	206	168	167	191	212	181
Diarrhoea .....	124	108	119	95	89	53	45	31	33	25	28	20	24
Typhus .....	74	77	81	111	77	79	79	93	78	73	80	68	86
Purpura .....	1	1	3	1	1	1	3	1	1	1	2	2	2
Mean Temperature .....	60°3	54°3	56°3	54°1	56°1	51°7	53°0	54°8	53°5	49°8	50°5	49°8	40°7

In Week ending Nov. 20th, causes of Deaths were:—

(1) Certified by written statement of Medical Attendant in .....	987 cases
(2) Attested by Coroner, or stated by him to be "natural," "sudden," or not ascertainable, in .....	33 "
(3) Stated to have had no medical treatment .....	20 "
(4) Not certified .....	46 "
Total .....	1086 "

Cases included under first and second heads show a proportion to the total number, equal to nearly 94 per cent. Under the fourth head are probably included some cases which had no medical attendance.

## EXTRACTS FROM THE METROPOLITAN RETURNS OF THE PREVIOUS WEEK, No. 46.

(The tabular abstract on the first page is for the week ending Saturday, Nov. 20th. The following selection of cases is made from the returns for the week ending Nov. 18th.)

NOTE.—M. or F. at the beginning of an entry indicates sex; the numerals which follow, mark the age at death, in years, except when otherwise stated. The italics at the end of an entry shew the duration of illness; and when the place is supplied by an asterisk (\*), the Coroner, Medical Practitioner, or other Informant, has not been able to ascertain, or has omitted to state the time in which the person has been subject to the disease or injury which has proved fatal. In making the return, it should invariably be stated that duration of illness could not be ascertained, when this is the case.

### RETURNS OF VIOLENT DEATHS, MADE CHIEFLY BY CORONER.

NOTE.—The cases of violence not returned by the Coroner, have the words "no inquest."

Fractures and Contusions:—	duration	Fractures and Contusions (continued):—	duration	Hanging and Suffocation (continued):	duration
In London Hospital, labourer, 33, accidental from injured head and spine, by a fall from a ship at London Docks .....	3 days	Son of a labourer, 5, internal injuries from being forced against a post, at which he was playing, in Great Peter-street, by the wheels of a cart drawn by one horse .....	instant	Hawker of confectionery, 68, hanged himself in a temporary state of derangement.	
In London Hospital, labourer, 29, accidental death from the fall of a pear tree, causing fracture of ribs and spine .....	15 days	Wounds:—		Single woman, 31, suffocated accidentally in bed, being seized with epilepsy.	
In London Hospital, ship-joiner, 24, accidental by a fall from a ladder—injured spine .....	13 days	Clerk in a counting-house, 27, suicide by cutting his throat with a razor (being of unsound mind) .....	5 minutes	Daughter of a tailor, 5 months, suffocated by her face becoming imbedded in a pillow accidentally, when sleeping with her parents.	
In London Hospital, daughter of a ham-curer, 7, accidental from a fractured arm and a lock-jaw, caused by a fall .....	23 days	Drowning:—		Burns and Scalds	
F. 77, injuries to her head by an accidental fall down a flight of stairs .....	*	Wife of a waiter in a coffee-house, 26, drowning—found dead in the Thames at "Blind Dock"—no mark of violence.		In London Hospital, son of a labourer, 2, accidental from clothes taking fire in Long Alley .....	died the same day
M. 38 (no inq.), myelitis—paralysis of the lower extremities .....	7 years from a fall.	M. (newly born), found dead in the Kensington canal—wilfully murdered by a person or persons unknown.		Son of a chair-maker, 3, burns by his clothes accidentally igniting, when he was taking a piece of paper from the fire.	
Son of a carpenter, 7 mon., convulsions resulting from an affection of the brain, caused by falling from his chair to the ground accidentally .....	6 days	M. 22, found dead in the Regent's Canal.		Poison:—	
The Registrar adds—"No medical aid was called in by the parents till the child was dying."		Joiner, 22, found dead without marks; apparently drowned.		M. 2 (no inq.), cephalitis, after eating several morphia lozenges .....	a week before
In London Hospital labourer, 34, fell and was run over by a waggon from his horse being frightened by a railway train .....	5 days	Waterman and lighterman, 28, found dead without marks of violence; apparently drowned.		Exposure:—	
In London Hospital, carman, 37, accidentally crushed in his abdomen by a fall from a cart at Wapping .....	2 days	Hanging and Suffocation:—		M. 10 hours, wilful murder against some person or persons unknown, by wilfully exposing him to cold at his birth.	
		Mason, 22, suicide in insanity—hanged himself with a handkerchief to a hook in the wall of his bed-room—feet on the ground (suspended 30 min.)		Self-Neglect and Uncleanliness:—	
				M. 48, neglecting to provide for himself proper food, and breathing the impure air of a filthy room .....	*

### SIXTEEN HOSPITALS.—CAUSES OF DEATHS (NOT VIOLENT) AS RETURNED BY THE MEDICAL OFFICERS.

NOTE.—Deaths in hospitals from fractures, wounds, burns, scalds, poison, are not contained in this list. See deaths by violence.

Consumption H.:—No deaths registered.	duration	Middlesex H.:—	duration	Fever H.:—	duration
St. George's H.:—		F. 50, cancer uteri .....	3 years	F. 54, { erysipelas .....	14 days
M. 65, disease of the bladder and kidneys .....	*	F. 62, intussusception .....	7 days	{ pericarditis and pleurisy .....	3 days
Westminster H.:—		University College H.:—		{ old disease of the kidneys .....	*
M. 44, hypertrophy and cirrhosis of liver .....	*	M. 27, morbus cordis, (regurgitant mitral)—albuminuria—anasarca—ascites .....	2 months	F. 22, { scarlet fever .....	8 days
F. 33, phthisis pulmonalis .....	months	M. 43, erysipelatous inflammation of fauces and larynx—asphyxia, in .....	63 hours	{ relapse .....	13 days
F. 32, central hæmorrhage supervening on soft cancer of the brain, spleen, and lymphatic glands of abdomen .....	1 week	F. 14, typhoid fever .....	11 days	King's College H.:—	
Charing Cross H.:—		F. 44 (post mort.), tubercles—chronic and acute bronchitis—morbus hepatis—ascites .....	*	M. 35 (post mort.), phthisis .....	1 year
M. 52 (p.m.) } chronic inflammation of the brain	*	F. 46 (post mort.), morbus cordis—albuminuria—anasarca—ascites—enlargement of spleen .....	*	F. 33 (post mort.), cancer of ovary and omentum, 2 yrs.	
inquest } acute state .....	7 days	F. 50 (p.m.), tubercles—acute bronchitis—double pneumonia .....	*	St. Bartholomew's H.:—	
The Registrar adds, that "deceased cut his throat on the 7th day before death; the wound was healing, but must have had a serious influence in hastening death, though not considered to be the cause."		Royal Free H.:—		M. 22, phthisis .....	*
F. 28 (post mort.), phthisis .....	*	M. 34, phthisis (in hospital 12 days) .....	*	M. 60, suppression of urine .....	*
F. 46 (post mort.), glandular disease of the throat .....	*	F. 51, jaundice—cerebral effusion .....	10 days	F. 59, dropsy .....	*
F. 51, fungus hæmatodes of the bones of the face .....	*	Small Pox H.:—		F. 33, disease of the lungs .....	*
		F. 9 mon., small pox (confluent unprotected), 9 days		F. 55, trismus .....	*
		F. 19, small pox, confluent .....	*	London H.:—	
		vaccinated young at Milton, near Sittingbourne—no cicatrix.		{ carcinoma of liver .....	14 months
				{ anasarca .....	4 months
				{ scirrhus mesenteric glands .....	*
				{ atrophy of kidneys .....	*

**SIXTEEN HOSPITALS.—CAUSES OF DEATH (NOT VIOLENT) AS RETURNED BY THE MEDICAL OFFICERS (continued):—**

*London H. (continued):—*

	duration
M. 18 (inquest), natural from diarrhoea.....	*
F. 26, erysipelas and ulcers.....	*

*See Violent Deaths.*

*St. Thomas' H.:—*

F. 18, fever.....	*
F. 10, { ascites.....1 week	
after scarlatina.....1 month	
M. 24, rheumatic hypertrophy of the heart..	10 weeks

*Guy's H.:—*

	duration
M. 23, { typhus.....27 days	
erysipelas.....8 days	
M. 69 (post mort.), pneumonia—ulcerated intestines.....	*
M. 55 (post mort.), hoboiled liver—ascites..	*
M. 28 (post mort.), phthisis—ulceration of lungs and intestines.....	*

*Royal Ordnance H.:—No deaths registered.*

*Dreadnought H.:—*

	duration
M. 30, { dysentery.....	*
(p.m.) { sloughing of the mucous membrane of the large intestine.....	*
M. 27, phthisis.....	*
M. 37, { ascites and anasarca.....1 month	
(p.m.) { hæmaturia.....10 days	
liver enlarged and indurated, kidneys enlarged and congested.	

**DEATHS BY SMALL POX, TYPHUS, ETC., SYPHILIS, MALFORMATION, HERNIA, DIABETES, STONE, CHILDBIRTH, DELIRIUM TREMENS, INTEMPERANCE, PRIVATION, WANT OF BREASTMILK, PURPURA, HÆMORRHAGE, HÆMATEMESIS, ETC.**

*Small Pox:—*

NOTE.—It should be stated in all cases whether vaccination had been performed with effect.

	duration
M. 1, small pox (natural) debility.....	14 days
F. 2, { small pox (natural).....5 weeks	
bronchitis.....8 days	
F. 7, small pox.....	*
F. 7 weeks, confluent small pox.....	7 days
first attack—not vaccinated.....	
F. 1, small pox.....	12 days
first attack—not vaccinated.....	
M. 1, small pox.....	7 days
not known whether vaccinated.....	
F. 3, variola.....	10 days
M. 6 weeks, small pox.....	7 days
not vaccinated.....	
M. 4, variola confluent (not vaccinated).....	9 days
M. 2, small pox (not vaccinated).....	12 days
F. 1, small pox (not vaccinated).....	14 days
F. 10 months, small pox (natural).....	14 days
M. 4, variola (not vaccinated).....	6 days
F. 1, small pox (not vaccinated).....	*
M. 8, { variola maligna et conflens.....7 days	
bronchitis.....3 days	
F. 4, small pox (not vaccinated).....	10 days
F. 5 months, small pox (not vaccinated).....	10 days
M. 6, confluent small pox (vaccinated).....	*
F. 1, confluent small pox (not vaccinated).....	*
F. 7 months, variola confluent (not vaccinated).....	7 days
F. 14, confluent small pox (not vaccinated).....	7 days
M. 9, { small pox.....11 days	
convulsions.....*	
vaccinated, but not known when.....	
F. 4 months, small pox (not vaccinated).....	8 days
M. 1, small pox.....	13 days
vaccinated 3 weeks previously without effect.....	
M. 11 months, small pox (not vaccinated).....	11 days
M. 3, confluent small pox.....	3 weeks
vaccinated without effect nearly 3 years before.....	
M. 5, small pox.....	7 days
vaccinated with effect 5 years before.....	
F. 1, small pox.....	14 days
M. 1, small pox (not vaccinated).....	10 days
F. 2, small pox (not vaccinated).....	6 days
F. 1, small pox.....	*
F. 1, small pox.....	*
M. 2, { small pox.....9 days	
diarrhoea.....3 days	
not vaccinated.....	
M. 8 months, small pox (not vaccinated).....	6 days
F. 3, small pox (not vaccinated).....	12 days
M. 3, variola—abscesses.....	1 month
M. 10 months, small pox (not vaccinated).....	11 days
F. 16, small pox (natural).....	21 days
M. 2, variola (not vaccinated).....	1 week
F. 2, variola (not vaccinated)—and without medical treatment.....	5 days
F. 7 months, small pox.....	14 days
vaccinated 6 months before without effect.....	

*See Return of Small Pox Hospital.*

*Typhus, &c.:—*

**PADDINGTON; St. John.**

F. 36, inflammation of the throat; and fever..	*
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**St. Mary.**

F. 45, { fever typhoid.....1 month	
phlebitis.....3 weeks	

**CHELSEA; North West.**

F. 73, debility after typhus.....	*
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**WESTMINSTER; St. John the Evangelist.**

M. 31, fever.....	16 days
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**St. Margaret.**

F. 23, { chronic meningitis.....— months	
acute.....3 days	
typhus.....10 days	

**St. JAMES, WESTMINSTER; Berwick Street.**

M. 14, typhus.....	5 weeks
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**St. MARYLEBONE; The Rectory.**

M. 23, fever.....	*
M. 16, typhus.....	*
F. 64, typhus.....	*

**Christ Church.**

F. 70, fever.....	7 days
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**St. John's.**

M. 13, typhoid fever.....	17 days
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**St. PANCRAS; Somers Town.**

F. 25, { synochus—meningitis.....*	
effusion.....5 days	

**Camden Town.**

M. 3, debility after fever.....	*
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**ISLINGTON; East.**

M. 23, continued fever—inflammation of bowels	6 weeks
M. 7, fever.....	8 days
M. 11, { fever—chronic gastritis.....5 weeks	
tabes mesenterica.....	

**St. GILES-IN-THE-FIELDS; South.**

M. 37, typhus.....	7 days
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**North.**

F. 24, fever.....	14 days
F. 53, typhus.....	14 days

*Typhus, &c. (continued):—*

**HOLBORN; St. George, the Martyr, &c.**

M. 3, fever and bronchitis.....	10 days
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**St. Andrew, East.**

F. 64, fever.....	7 days
F. 27, fever.....	1 month

**Saffron-hill.**

M. 3, fever.....	3 weeks
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**CLERKENWELL; Amwell.**

M. 28, (inquest), typhus.....	*
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**St. James.**

F. 16, fever—tubercular deposit on the membrane of the brain.....	*
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**St. LUKE; City Road.**

M. 5, fever.....	3 weeks
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**EAST LONDON; Cripplegate.**

F. 6, typhus.....	15 days
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**WEST LONDON, South.**

F. 20, typhus.....	9 days
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**SHOREDITCH; Hoxton New Town.**

F. 57, typhus.....	*
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**Hoxton Old Town.**

F. 12, typhus mitior.....	3 weeks
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**Haggerstone, West.**

F. 78, continued fever.....	*
F. 50, low typhoid fever brought on by want and filth.....	*

**REGISTRAR'S NOTE:—**"This woman was brought from Long Alley, on the afternoon of Monday the 8th inst. to the workhouse, and died on the following morning at two o'clock. The medical officer attended immediately on receiving information of her illness, and sent a chair for her. She had been receiving partial relief for some time, and the relieving officer had repeatedly expressed a wish that she should come into the house, but this she refused to do. She lay in a room which was nearly empty, on an old sack literally covered with filth and vermin. Long Alley is remarkable for sending more cases of fever into the workhouse than all other parts of the parish together."

**BETHNAL GREEN; The Green.**

M. 8, typhus.....	3 weeks
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**Hackney Road.**

F. 32, typhus.....	12 days
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**WHITECHAPEL; North.**

M. 55, { paralysis.....2 years	
fever.....10 days	
M. 1, { fever.....*	
diarrhoea.....1 week	

**Goodman's Fields.**

M. 3, fever.....	*
F. 3, febris.....	*

**St. GEORGE-IN-THE-EAST; St. Mary.**

M. 17, typhus.....	8 days
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**St. John.**

F. 47, typhus.....	*
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**STEPNEY; Mile End, Old Town (Lower.)**

M. 40, { fever.....1 month	
erysipelas.....5 days	
M. 8, { fever.....14 days	
bronchitis.....*	
F. 56, fever.....	7 days

**POPLAR; Poplar.**

F. 10, { typhus.....18 days	
hydrocephalus.....6 days	

**Bow, and Bromley.**

M. 31, typhus.....	10 days
M. 3, fever.....	3 weeks

**St. SAVIOUR; St. Saviour.**

F. 11, typhus.....	*
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**Christ Church.**

M. 6, { typhus.....3 weeks	
effusion on the brain.....*	

**St. OLAVE; St. John.**

M. 8, typhus.....	*
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**St. John's.**

F. 19, { diarrhoea.....14 days	
congestive fever.....7 days	

**St. GEORGE; Kent Road.**

F. 11, fever.....	*
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**Borough Road.**

M. 1, fever.....	14 days
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**London Road.**

M. 23, inflammatory fever—adynamic fever..	*
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**St. MARY, NEWINGTON; St. Peter, Walworth.**

M. 3, typhus gravior.....	10 days
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**LAMBETH; Church (second part.)**

F. 45, typhus gravior.....	14 days
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**Kennington (first part.)**

M. 60, typhus.....	5 weeks
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**Kennington (second part.)**

M. 4, fever.....	9 days
M. 1, continued fever.....	14 days

*Typhus, &c. (continued):—*

**CAMBERWELL; St. George.**

F. 27, fever—erysipelas.....	1 month
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**GREENWICH; Woolwich Arsenal.**

F. 56, fever and exhaustion.....	6 days
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**West.**

**M. 56, fever.....**

Lewisham.....	5 days
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**M. 25, fever.....**

Lewisham.....	10 days
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**F. 5, { debility from fever.....14 days**

followed by convulsions.....3 days	
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**Lewisham.**

F. 33, fever.....	3 weeks
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*See Hospital Returns.*

NOTE.—A case of "parotitis" was for convenience classed under the above head.

**Ague:—**

M. 2, intermittent fever.....	*
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**Remittent Fever:—**

M. 7, { febris remittens.....3 weeks	
irritation of the brain.....1 week	

*Syphilis:—No deaths registered from this cause.*

**Malformation:—**

M. 1, (post mort.), malformation of the chest—mesenteric disease—(prematurely born) ..	*
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**F. 7 days, cyanosis.....**

F. 7 months, spina bifida.....	*
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**M. 1, chronic bronchitis—malformation of chest ill from birth.....**

choking accidentally.....	*
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**F. 3 weeks, spina bifida.....**

F. 16, spinal and other deformity—idiocy ..	*
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**Hernia:—**

F. 70, strangulated umbilical hernia.....	4 days
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**M. 60, (post mort.), obstruction of the bowels caused by a band from the omentum strangulating a portion of the ilium.....**

Diabetes:—No deaths registered from this cause.	
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**Asthma and Diabetes:—**

F. 45, asthma and diabetes.....	*
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**Stone:—**

M. 5 months, urinary calculi—congenital diarrhoea.....	10 days
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**F. 67, { calculus.....some years**

diseased bladder.....4 months	
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**Childbirth:—The time elapsing from commencement of labour to death should invariably be returned.**

**F. 35, (inquest) exhaustion from loss of blood from rupture of the uterus, in labour with a male child.....**

F. 36, { childbirth.....6 days	
peritonitis.....	

**F. 36, { childbirth.....21 days**

peritonitis.....	*
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**F. 29, puerperal fever.....**

F. 32, accouchement.....	8 days
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**F. 32, accouchement.....**

F. 17, { childbirth.....9 days	
puerperal fever.....5 days	

**F. 17, { puerperal fever.....3 days**

F. 31, puerperal fever.....	3 days
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**F. 31, puerperal fever.....**

F. 24, { childbirth.....4 days	
puerperal peritonitis.....36 hours	

**F. 23, puerperal peritonitis.....**

F. 26, puerperal peritonitis.....	3 days
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**F. 26, puerperal peritonitis.....**

F. 28, childbirth.....	2 days
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**F. 28, childbirth.....**

F. 40, puerperal peritonitis.....	3 days
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**F. 40, puerperal peritonitis.....**

F. 46, long continued uterine hæmorrhage.....	5 days
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*Query. After childbirth?*

**Delirium Tremens:—**

M. 48, delirium tremens.....	*
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**M. 40, delirium tremens.....**

delirium tremens.....	4 days
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**F. 35, { diarrhoea.....10 days**

collapse.....2 days	
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**Intemperance:—**

**F. 29, (inquest), disease accompanying habits of excessive intoxication during four years—had a fit of convulsions.....**

F. 66, disease of stomach from over stimulation 1 year	6 weeks before death
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*Privation:—No deaths registered from this cause.*

**Want of Breast-milk, &c.:—**

M. 7 weeks, inanition.....	*
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**M. 2 months, weak frame—artificial food:—**

aphtha—convulsions.....	6 weeks
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**Cholera:—**

In Cripplegate (subdistrict), F. 14, diarrhoea cholericæ.....	22 hours
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*Purpura:—No deaths registered from this cause.*

**Hæmorrhage from the bowels; Hæmatemesis:—**

F. 81, hæmatemesis.....	1 week
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**M. 49, hæmorrhage from the bowels.....**

F. 63, { hæmorrhage from the bowels.....some years	
exhaustion.....	

**M. 47, hæmatemesis.....**

F. 42, hæmorrhage from the bowels.....	3 days
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*Nephritis and Hæmatemesis:—*

**F. 51, inflammation of the kidneys; and hæmatemesis.....**

Miscellaneous Cases:—	
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**F. 1, (inquest), natural—(the gross negligence and cruelty of the mother condemned by the jury).....**

M. 40, { colica pictimum.....6 days	
typhoid fever.....2 days	

**ANALYSIS OF CASES IN WHICH INQUESTS WERE HELD.—Violence, 23; apoplexy, 4; disease of heart, 1; childbirth, 1; intemperance, 1; other specified causes, 19; "found dead," "natural death," "visitation of God," &c., 12.—TOTAL, 61 cases.**

**THE NUMBER OF CASES IN WHICH IT IS RECORDED THAT A POST MORTEM EXAMINATION WAS MADE, IS 45.**

METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH,

During the Week ending Saturday, 20th November, 1847.

Day.	Phases of the Moon	Mean height of the Barometer, from 12 Observations, (corrected and reduced to 32 degrees Fahrenheit.)	Readings of Thermometers										Difference between the Dew Point Temperature and Air Temperature			Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 25 years	WIND							Mean Amount of Cloud, 0—10	Rain in inches, read at 9 o'clock the next morning																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
			Dry			Dew Point Mean from 12 Rits	Highest in the sun, as shown by a self-register- ing Thermometer	Lowest on the grass, as shown by a self-register- ing Thermometer	In the Water of the Thames at Greenwich, by the self- registering Thermometer, read at 9 o'clock next morning		Mean of 12 Diffs.	Greatest	Least	General Direction			Pressure in lbs. on the square foot		Mean of 12 Obs.	Amount of Horizontal Movement of the Air in each day																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
			High- est from 12 Obs.	Low- est from 12 Obs.	Mean from 12 Obs.				Highest	Lowest				A.M.	P.M.		Greatest	Least																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
NOVEMBER,		in.	°	°	°	°	—	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°

DAY	ELECTRICITY	Circumstances accompanying the exhibition of Electricity	GENERAL REMARKS
SUN.			Generally overcast throughout the day.
MON.	No electricity was exhibited throughout the week.		Overcast till 4h. p.m. with light rain and mist falling occasionally. About one-fifth of the sky was covered with thin cirrostratus during the remainder of the day.
TUES.			The sky was nearly cloudless till 3h. a.m., and from 9h. p.m. till midnight. At other times it was overcast. Rain was falling from about 9h. a.m. till 2h. p.m. The arc of a faint lunar halo was visible at 7h. 20m. p.m.
WED.			The amount of cloud was very variable throughout the day, but the greater part of the sky was generally covered with cirrostratus and masses of scud, except from 11h. a.m. till 2h. p.m., and again at about 11h. p.m., when it was cloudless. There were several showers of rain during the afternoon.
THURS.			Overcast till 2h. a.m., but generally cloudless and hazy during the remainder of the day.
FRID.			Cloudless till 1h. a.m.: the greater part of the sky was covered with cirrostratus and haze from that time till 3h. p.m.: cloudless during the remainder of the day. It was very hazy during the evening.
SAT.			Cloudless but hazy till 2h. a.m. Cirrostratus covered the sky during the remainder of the day. A dense fog prevailed from 3h. a.m. till 3h. p.m., when it cleared off.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The amount of clouds is estimated by considering a clear sky to be represented by 0, a cloudy sky by 10; and when partially cloudy by estimating the number of tenths of the whole sky covered with cloud. The observations are taken every two hours, day and night.

The readings of the two self-registering thermometers, the one placed in the full rays of the sun, and the other placed on grass fully exposed to the sky, are taken every morning at 9 A.M., and therefore exhibit the highest and lowest readings respectively, that have occurred in the previous 24 hours. They are, however, placed here opposite to the civil day which precedes that on which the thermometers are read. The thermometer, whose bulb was placed in the full rays of the sun, is broken.

Whewell's anemometer (from the indications of which the estimation of horizontal movement is made) is read at 10 A.M., and the result given is for the 24 hours preceding. It is placed here opposite to the civil day, which precedes that on which the anemometer is read.

The average temperature for 25 years is furnished by Mr. Henry, Assistant at the Royal Observatory, from the observations made at his residence in the neighbourhood of Greenwich Park.

\* In reading the 16th column, it will be borne in mind that + is read "higher," and — "lower," than the average.

The temperature of the water of the Thames is ascertained by the use of a self-registering thermometer, suspended from the side of the Dreadnought Hospital Ship, at the depth of about 2 feet below the surface. The readings of this instrument are registered under the superintendence of Lieutenant Sanders, R.N., Superintendent of the Dreadnought. The mean reading of a thermometer placed on the mainmast, and read each day at 6h. 30m. A.M., was 39°6; and the mean reading at 7h. 30m. P.M., was 41°6; the mean readings at the Royal Observatory for the same times were 38°5 and 40°7 respectively.

† The general direction of the wind for the week was S.W.

Births and Deaths registered in London,  
During the Week ending Saturday, November 27th, 1847.

ANNUAL SERIES VIII.]					PUBLISHED BY AUTHORITY OF THE REGISTRAR GENERAL.					[No. 48																	
Causes of Death.					Age			Total	Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population					Causes of Death.					Age			Total	Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population				
					0 to 15	15 to 60	60 and upwards												0 to 15	15 to 60	60 and upwards						

DISTRICTS OF LONDON, Comprising 135 Registrars' Districts.		Area in square Miles	Population Eneume- rated in 1841	Weekly Average derived from Deaths of 1842-6, and corrected for increase of Population 5 Autumns	DEATHS registered in the Week	BIRTHS registered in the Week
WEST DISTRICTS	Kensington; Chelsea; St. George, Hanover-square; Westminster; St. Martin in the Fields; St. James	17.2	301,326	146	179	159
NORTH DISTRICTS	St. Marylebone; St. Pancras; Islington; Hackney; part of Edmonton, viz. Hampstead	20.5	376,396	184	267	244
CENTRAL DISTRICTS	St. Giles and St. George; Strand; Holborn; Clerkenwell; St. Luke; East London; West London; City of London	2.8	374,759	196	319	208
EAST DISTRICTS	Shoreditch; Bethnal Green; Whitechapel; St. George in the East; Stepney; Poplar	8.8	393,247	232	504	252
SOUTH DISTRICTS	St. Saviour; St. Olave; Bermondsey; St. George, Southwark; Newington; Lambeth; Wandsworth and Clapham; Camberwell; Rotherhithe; Greenwich; Lewisham	66.2	502,483	288	408	326
TOTALS		115.5	1,948,211	1046	1677	1189

Births and Deaths not caused by Violence, registered in the Metropolis in the last 13 weeks, with the Mean Temperature for the same periods.

	4th Sept.	11th Sept.	18th Sept.	25th Sept.	2nd Oct.	9th Oct.	16th Oct.	23rd Oct.	30th Oct.	6th Nov.	13th Nov.	20th Nov.	27th Nov.
BIRTHS	1295	1277	1162	1260	1454	1241	1254	1257	1291	1336	1275	1256	1189
DEATHS (except from Violence)	1014	1012	1123	1022	1041	995	940	951	928	1045	1073	1064	1654
Deaths (except from Violence) at 60 yrs. & upwards	183	164	196	184	192	193	206	168	167	191	212	181	383
Diarrhoea	108	119	95	89	53	45	31	33	25	28	30	24	29
Typhus	77	81	111	77	79	79	93	78	73	80	68	86	87
Purpura	0	0	0	0	0	3	1	1	2	0	0	0	2
Mean Temperature	54.3	56.3	54.3	56.1	51.7	53.0	54.8	53.5	49.8	50.5	49.8	40.7	46.5

DEATHS from Purpura or from Scoury in LONDON;—

YEARS	Quarters of 13 weeks each, ending in				Total in the Year
	March	June	Sept.	Dec.	
1842	3	5	4	4	16
1843	2	1	6	4	13
1844	5	3	7	6	21
1845	2	4	11	8	25
1846	5	9	9	5	28
1847	16	25	20		

1	2	3	4
Specified Ages	Deaths registered last week in London	Deaths which would have been registered if the rate of mortality had been the same as in Dorsetshire, Dec. Quarters, 1838-44.	Excess of Mortality in London during the week
0-15	771	255	516
15-35	170	125	45
35-55	280	100	180
55 and upwards	456	179	277
All Ages	1677	659	1018

DEATHS registered in LONDON, in corresponding series of weeks of eight years:—

No. of week.	42	43	44	45	46	47	48	Average of 7 weeks
1840	860	891	1001	910	922	887	1112	940
1841	802	819	840	841	827	918	877	846
1842	891	992	981	956	911	880	909	931
1843	1183	1143	1087	1043	1257	1215	1114	1142
1844	908	948	979	1002	1085	927	1088	991
1845	782	785	959	955	952	920	874	904
1846	835	896	991	958	930	980	958	935
Average of 7 yrs	887	925	978	952	983	961	1095	956
1847	953	967	945	1052	1098	1086	1677	1111

The mortality of Wandsworth and Clapham, and that of Lewisham and sub-district of Hampstead, are included in this table throughout the eight years.

## EXTRACTS FROM THE METROPOLITAN RETURNS OF THE PREVIOUS WEEK, No. 47.

(The tabular abstract on the first page is for the week ending Saturday, Nov. 27th. The following selection of cases is made from the returns for the week ending Nov. 20th.)

### RETURNS OF VIOLENT DEATHS, MADE CHIEFLY BY CORONER.

NOTE.—The cases of violence not returned by the Coroner, have the words "no inquest."

Fractures and Contusions:—	duration	Wounds (continued):—	duration	Hanging and Suffocation (continued):	duration
F. 58, erysipelas, caused by a fall in a state of intoxication	15 days	In St. George's Hospital, M. 27 (no inquest.), bite on the arm from a donkey—cellular cutaneous inflammation	7 days	Daughter of a carpenter, 15 weeks, suffocation accidentally caused in bed—found dead.	
Labourer, 68, concussion of the body, by falling accidentally down the scuttle-hole of a barge	*	Drowning:—		M. 27 days, found dead in his mother's arms, supposed from suffocation.	
M. 72 (no inquest), injury of the cervical vertebrae from a fall	4 days	M. 27, drowning—how he came into the water unknown.		Burns:—	
F. (newly born), post mort., found dead on Constitution-hill, with fracture of the skull (supposed still-born).		F. servant, 18, found dead in the Regent's canal, without marks of violence.		In Westminster Hospital, son of a smith, 8, burns of body and limbs—pinafire took fire when taking the coals from a fire-place, with the tongs	12 hours
Wounds:—		Labourer, 32, drowned by being thrown out of a boat into the River Thames, by accidental collision with "The Eclipse" steam vessel.		F. 27, burned by the explosion of fireworks, while witnessing a rocket being let off	30 hours
In St. George's Hospital, { extraction of a needle from the sole of the foot..... 18 days		Son of a seaman, 14, drowned by falling into the River Thames accidentally (in water one hour.)		F. 6, (no inquest), injuries received from a burn caused accidentally	*
F. 29 { erysipelas..... 16 days		Labourer, about 29, drowning—manslaughter against John Wright	30 minutes	Poison:—	
(no inquest), { gangrene..... 12 days		Hanging and Suffocation:—		M. 74, poisoned by arsenic—wilful murder against William Newton Alnutt	*
In Westminster Hospital, son of a carpenter, 14 (p.m.), fracture of the skull from the bursting of a cannon overloaded, and discharged by himself, on the 5th of Nov.	9 days	Baker, 52, suicide by hanging (of unsound mind at the time.)		F. 20 (no inq.) puncture of the thumb—poisoned wound—purulent deposit right side, then left wrist, left foot, and afterwards right hand	19 or 20 days
Weaver, 46, cut his throat in temporary derangement of mind	instant	Labourer, 47, hanged himself in a state of insanity.			

### SIXTEEN HOSPITALS.—CAUSES OF DEATHS (NOT VIOLENT) AS RETURNED BY THE MEDICAL OFFICERS.

NOTE.—Deaths in hospitals from fractures, wounds, burns, scalds, poison, are not contained in this list. See deaths by violence.

Consumption II:—	duration	Middlesex H:—	duration	Small Pox H:—	duration
F. 33, phthisis pulmonalis	1 year	M. 32, cancer facie	10 month	M. 27, small pox, confluent, with delirium (unprotected)	13 days
F. 35, phthisis	*	F. 44, apoplexy of the pons variolii—he-miplegia	6 weeks	M. 19, small pox, confluent (unprotected)	11 days
St. George's H:—		F. 68, cancer mammae	4 years	M. 22, small pox, confluent (unmodified)	*
F. 45, inflammation of the lungs and heart	*	University College H:—		vaccinated at Hellingly—two small cicatrices.	
M. 17 (post mort.), acute pericarditis, with acute rheumatism pneumonia	*	M. 69 (post mort.), apoplexy sanguineous effusion into the left ventricle.	6 days	F. 18, { small-pox, confluent (unprotected)..... 21 days	
M. 4 (post mort.), dyspnoea	2 years (?)	M. 33 { continued fever..... 14 days		gangrene of genitals..... 35 days	
vegetations in larynx.		(p.m.) { peritonitis..... 4 days		F. 1, small pox, confluent (unprotected)..... 10 days	
See Violent Deaths.		perforation of intestines..... about 30 hours		King's College H:—	
Westminster H:—		Royal Free H:—No deaths registered.		F. 17, { phthisis..... *	
M. 40, { acute rheumatism..... 8 days		Fever H:—		fever..... 2 months	
delirium tremens..... 30 hours		M. 18, { scarlatina..... 40 days		St. Bartholomew's H:—	
See Violent Deaths.		convulsions..... 2 days		M. 40, chronic laryngitis and phthisis	*
Charing Cross H:—		M. 30, { fever..... 22 days		M. 45, dropsy and disease of the heart	*
M. 60 (cause of death not entered in Hospital book)		relapse..... 4 days		{ strangulated hernia..... *	
M. 26, typhus	*	in hospital 3 days.		M. 17, { operation..... *	
Bright's kidney..... 3 years		M. 18, typhus		peritonitis..... *	
general dropsy..... 6 weeks		in hospital 12 days.		M. 40, phthisis	*
pleurisy and pericarditis..... 4 days				London H:—No deaths registered.	
				St. Thomas' H:—	
				M. 30, extravasation of urine from stricture, &c.	*

Guy's H.:	duration
M. 33, idiopathic tetanus	5 days
M. 34, stricture—retention of urine	*
M. 46, fever with dysentery	*
M. 47, irritative fever	12 days
M. 56, { stricture retention of urine, with fistula in perineum	30 years 1 year
M. 16, typhus—ulcerated intestines	3 weeks
M. 42 (post mort.), phthisis—strumous disease of brain—albuminuria	3 months

Guy's H. (continued):	duration
M. 53, { disease of the arteries—granular kid- neys	*
(p.m.) death from clot in left hemisphere	3 days
M. 70, cyanosis	7 days
F. 6, plebitis	about 8 days
F. 22, peritonitis after childbirth	25 days
Royal Ordnance H.:	
M. 17, fever	26 days
M. 42, diabetes	5 weeks

Dreadnought H.:	duration
M. 25 (post mort.), phthisis tubercular deposit in lungs, pericardium, liver, spleen, kidneys, mesentery.	12 months
irreducible right inguinal, omental hernia	many years
M. 32, { portion of ilium strangulated at in- ternal ring	56 hours
(p.m.) operation	36 hours
peritonitis	*

DEATHS BY SMALL POX, TYPHUS, ETC., INFLUENZA, SYPHILIS, MALFORMATION, HERNIA, DIABETES, STONE, CHILDBIRTH, DELIRIUM TREMENS, INTemperance, PRIVATION, PURPURA, HÆMORRHAGE, HÆMATEMESIS, ETC.

Small Pox:	duration
NOTE.—It should be stated in all cases whether vac- cination had been performed with effect.	
F. 2, confluent small pox	*
F. 3, small pox	14 days
F. 3, small pox (not vaccinated)	3 days
M. 3, small pox (not vaccinated)	14 days
F. 3 weeks, small pox (not vaccinated)	3 days
M. 1, small pox (not vaccinated)	7 days
F. 1, variola	14 days
vaccinated when 3 months old, and again 7 months after, both times unsuccessfully.	*
F. 1, small pox (vaccinated)	*
F. 3, small pox, vaccinated	14 days
(variola)	6 weeks
F. 2, { abscess in kneejoint and elbow not vaccinated.	4 weeks
F. 13 weeks, small pox (not vaccinated)	*
M. 1, small pox (not vaccinated)	1 week
M. 4, small pox	2 weeks
vaccinated 3½ years ago without effect.	*
M. 1, small pox	3 weeks
whether vaccinated could not be ascertained.	*
F. 1, small pox (natural—not vaccinated)	10 days
M. 9, confluent small pox (not vaccinated)	14 days
F. 7, small pox (not vaccinated)	9 days
M. 8 months, small pox	*
M. 1, variola (not vaccinated)	2 weeks
M. 10 months, small pox (not vaccinated)	7 days
M. 55, variola, confluent	8 days

Typhus, &c. (continued):	duration
WHITECHAPEL; Spital Fields.	
F. 3, brain fever	2 weeks
The Artillery	
F. 11, fever with congestion of the brain	14 days
North.	
M. 36, fever	*
M. 75, { fever erysipelas	3 weeks
M. 27, fever	1 week
F. 36, typhus	10 days
F. 46, fever	10 days
F. 55, fever	10 days
Goodman's Fields.	
M. 38, fever	*
M. 38, typhoid fever	*
Aldgate.	
M. 34, fever	*
M. 30, fever—bronchitis	*
ST. GEORGE-IN-THE-EAST; St. Paul.	
F. 72, typhus mitior	3 weeks
St. John.	
M. 66, typhus	*
F. 23, { typhus effusion on the brain	*
F. 13, typhus	*
F. 45, typhus	*
STEPNEY; Limehouse.	
F. 5, inflammatory dropsy—typhus	*
Ratcliff.	
M. 3, fever	3 weeks
Mile End, Old Town (Upper).	
M. 63, { typhoid fever pneumonia	6 days 4 days
F. 8, { synocha meningitis	9 days 4 days
F. 9, typhus	1 week
Mile End, Old Town (Lower).	
F. 30, fever	9 days
POPLAR; Poplar.	
M. 21, { typhus pneumonia	1 month 5 days
F. 2, { fever convulsions	1 week 1 day
Bow, and Bromley.	
F. 20, brain fever	*
St. SAVIOUR; St. Saviour.	
M. 6, typhus	*
Christ Church.	
M. 59, fever	7 days
St. OLAVE, &c; St. Olave, &c.	
F. 28, fever	2 weeks
BERMONDSEY; The Leather Market.	
M. 9, { typhus pneumonia	9 days 2 weeks
F. 3, { febris pneumonia	2 weeks
St. Mary Magdalen.	
M. 27, fever attended with gastro-enteritis, and diarrhoea	*
St. James.	
M. 4, { fever bronchitis	3 weeks 1 week
ST. GEORGE, SOUTHWARK; Kent Road.	
M. 20, { typhus bronchitis	1 day 3 days
London Road.	
M. 24, typhus	14 days
NEWINGTON; St. Mary.	
F. 33, typhus	10 days
St. Peter, Walworth.	
F. 4, { fever pneumonia	14 days 7 days
F. 26, typhus gravior, } mother and F. 26 hours, typhus gravior, } child	*
Trinity.	
F. 3, fever	*
LAMBETH; Lambeth Church (first part.)	
M. 4, fever	5 weeks
F. 2, { fever collapse	about 2 weeks 4 hours
F. 9, typhus	1 month
M. 28, typhus	10 days
GREENWICH UNION; Woolwich Arsenal.	
F. 3, { fever hydrocephalus	14 days 5 days
Greenwich, East.	
F. 62, { fever erysipelas	2 weeks 5 days

Remittent Fever (continued):	duration
F. 0, { remittent fever cerebro-spinal congestion and convul- sions	4 weeks 3 days
remittent fever	20 days
F. 43, { rheumatism bronchitis	14 days 4 days
Influenza:	
F. 71, influenza	*
F. 3 weeks, influenza	4 days
F. 1, influenza	5 days
F. 3 months, influenza	5 days
Syphilis:	
M. 14 days, syphilis	*
M. 4 weeks, secondary syphilis	*
F. 27, { syphilis consumption	10 weeks
Malformation:	
F. 2 months, spina bifida	*
F. { (a twin) under 1, malformation—prema- ture birth	*
F. 1, { congenital malformation of the heart nonclosure of foramen ovale	18 months
Hernia:	
M. 76, strangulated hernia	4 days
F. 69, { hernia peritonitis	some years
(p.m.)	*
M. 75, strangulated hernia	4 days
F. 1, { congenital inguinal hernia strangulated hernia	from birth 1 week

See Returns of St. Bartholomew's and Dreadnought Hospitals.

Typhus, &c.:	duration
KENSINGTON; St. Paul's, Hammersmith.	
M. (age —) continued fever—subacute inflam- mation of the liver and bowels	16 days
ST. GEORGE, HANOVER SQUARE; May Fair.	
M. 34, typhus	*
Belgrave.	
M. 57, fever	*
F. 79, low fever	several months
WESTMINSTER; St. John the Evangelist.	
M. 30, (post mort.), common continued fever	8 weeks
St. Margaret.	
F. 39, fever	5 days
St. MARYLEBONE; All Souls.	
F. 60, febris—dysentery	2 months
The Rectory.	
M. 22, fever—bronchitis	*
F. 66, typhus	*
St. Mary.	
M. 50, fever	*
St. PANCRAS; Camden Town.	
F. 54, fever—synochus	11 days
The Regent's Park.	
M. 3, { typhus hydrocephalus	16 days 5 days
(p.m.) { pneumonia inflammatory fever	*
F. 24, { nervous or low fever diarrhoea and hæmorrhage	about 1 month
Kentish Town.	
F. 52, { typhoid fever coma	7 days 6 hours
ST. GILES-IN-THE-FIELDS, &c; South.	
M. 45, typhus	5 days
M. 20, typhus	9 days
F. 49, typhus	6 days
STRAND; St. Anne, Westminster.	
F. 15, { acute rheumatism typhus	*
HOLBORN; St. George, the Martyr.	
F. 20, { rheumatic fever typhus	5 days 7 days
CLERKENWELL; Goswell Street.	
F. 29, congestive fever, followed by the prema- ture birth of a stillborn male child	1 week
St. LUKE; Whitecross Street.	
F. 10, fever	1 week
City Road.	
F. 64, fever	9 days
EAST LONDON; St. Botolph.	
F. 63, febris—bronchitis	3 weeks
WEST LONDON, South.	
M. 19, rheumatic fever and typhus	7 days
North.	
M. 66, fever	*
M. 61, fever	*
SHOREDITCH; Hoxton New Town.	
F. 40, typhus	23 days
Holywell and Moorfields.	
F. 10, fever—convulsions	4 days
St. Leonard's.	
M. 42, fever	4 weeks
BETHNAL GREEN; The Church.	
M. 12, typhus—extensive abscess	4 months
M. 4, typhus	*
Hackney Road.	
M. 3, { fever pneumonia hydrocephalus	11 days 8 days 8 days

Remittent Fever:	duration
F. 3, { remittent fever hydrocephalus	9 weeks 6 days
M. 9, remittent fever—broncho-pneumonia	3 weeks
M. 8, bilious remittent fever	14 days
F. 3, { remittent fever congestion of lungs and heart	9 weeks 2 days

Diabetes:	duration
F. 36, diabetes	2 years
See Return of Ordnance Hospital.	
Stone:—No deaths registered from this cause.	
Childbirth:—The time elapsing from commencement of labour to death should invariably be returned.	
F. 29, puerperal peritonitis	7 days
F. 33, { childbirth puerperal peritonitis	9 days 6 days
F. 22, { childbirth puerperal peritonitis	6 days 4 days
F. 22, { childbirth puerperal fever	2 days
F. 32, { childbirth puerperal fever	9 days 1 week
F. 31, { childbirth puerperal peritonitis	24 hours 28 days
F. 25, { debility and exhaustion frequent hæmorrhage from flooding	*
F. 44, { exhaustion	*
See Return of Guy's Hospital.	
Disease and Childbirth:	
F. 29, { asthma debility from premature confinement	6 months
See Return of Fever Cases.	
Delirium Tremens:	
M. 50, delirium tremens	3 days
M. 27, delirium tremens	4 days
M. 23, delirium tremens	*
Hepatitis and Delirium Tremens:	
M. 20, { inflammation of liver delirium tremens	17 days
Intemperance:	
In the House of Correction (prisoner) patten and dog maker, 44, (inquest—post mort.), delirium tremens from excessive drinking of spirits	3 days
M. 60, { habitual intoxication—general decay bronchitis	*
Pneumonia and Intemperance:	
M. 31, { pneumonia of both lungs liver enormously enlarged	*
(p.m.) very intemperate	*
Privation:—No deaths registered from this cause.	
Want of Breast-milk, &c.:	
F. 9 weeks, want of breastmilk.	*
M. 3 months, thrush—exhaustion from loss of his mother's milk	about 3 weeks
M. 3 hours, inanition	*
M. 22 hours, inanition	*
Purpura:—No deaths registered from this cause.	
Hæmorrhage:	
M. 26 (inquest), natural causes—rupture of a blood vessel	a few minutes
epistaxis	6 months
M. 80, { anasarca ascites	3 months
Hæmatemesis; Hæmorrhage from the bowels:	
F. 50, hæmatemesis—melæna	7 days
F. 11 men, intestinal hæmorrhage	3 days
M. 17, hæmorrhage from the bowels	some months
Insanity and Hæmatemesis, &c.:	
F. 25, { insanity epilepsy hæmatemesis	14 days 2 days
Miscellaneous Cases:	
M. 40 (inquest, post mort.), rupture of an aneu- rism of the aorta into the left bronchus, accelerated by excitement in an alteration, instan-	

ANALYSIS OF CASES IN WHICH INQUESTS WERE HELD.—Violence, 17; rupture of a blood vessel, 1; apoplexy, 2; disease of the heart, 1; aneurism, 1; intemperance, 1; other specified causes, 3; "found dead," "natural death," "visitation of God," &c., 3.—Total, 34 cases.

THE NUMBER OF CASES IN WHICH IT IS RECORDED THAT A POST MORTEM EXAMINATION WAS MADE, IS 36.

# METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH,

During the Week ending Saturday, 27th November, 1847.

Day.	Phases of the Moon	Mean height of the barometer, corrected to 32 degrees Fahrenheit. (Corrected and reduced to 32 degrees Fahrenheit.)	Readings of Thermometers										Difference between the Dew Point Temperature and Air Temperature			Difference between the mean temperature of the day and the mean of the same day on an average of 25 years	WIND						Mean Amount of Cloud, 0-10	Rain in inches, read at 9 o'clock the next morning
			Dry			Dew Point	In the Water of the Thames at Greenwich, by the self- registering Thermometer, read at 9 o'clock next morning	Mean		General Direction		Pressure in lbs. on the square foot			Amount of Horizontal Movement of the Air in each day									
			High- est from 12 Obs.	Low- est from 12 Obs.	Mean from 12 Obs.	Mean of 12 Days		Greatest	Least	A.M.	P.M.	Greatest	Least	Mean of 12 Obs.										
			Highest	Lowest	Diff.																			
NOVEMBER,			in.	°	°	°	°	°	°	°	°	°	°	°			lbs.	lbs.	lbs	Miles	°	°		
SUN.	21						—	34.5	44.5	42.0						Calm	S. by E.	3.0	0.0	0.1	100	10.0	0.10	
MON.	22	Fall	29.476	50.2	41.0	44.7	40.0	—	32.0	44.5	42.0	4.7	9.9	0.9	+ 2.2	Calm and W.S.W.	S.S.W.	8.5	0.0	0.5	305	8.4	0.01	
TUES.	23		29.578	56.5	41.0	49.2	46.2	—	29.0	44.8	42.5	3.0	4.7	0.6	+ 6.4	S.W.	S.W.	8.5	0.0	1.1	165	6.2	0.11	
WED.	24	Greatest declination N.	29.943	53.2	39.0	46.2	42.3	—	40.0	44.2	42.8	3.9	9.2	1.8	+ 4.6	S. by W.	S. by W.	1.3	0.0	0.2	235	5.0	0.00	
THU.	25		29.928	51.2	48.5	49.7	46.8	—	43.0	44.0	43.2	2.9	4.6	1.5	+ 8.9	S. by W.	S.S.W.	4.0	0.0	0.5	260	9.8	0.00	
FRI.	26		29.653	49.0	40.6	44.1	43.0	—	39.0	44.5	44.0	1.1	2.7	0.0	+ 3.0	S.S.W. and N.N.W.	Calm	4.0	0.0	0.3	15	10.0	0.40	
SAT.	27		29.128	49.5	40.5	45.2	44.7	—	36.0	44.2	44.0	0.5	1.2	0.0	+ 4.7	Calm	Calm	0.0	0.0	0.0	55	10.0	0.12	
MEANS			29.618	51.6	41.8	46.5	43.8	—	36.2	44.4	42.9	2.7	5.4	0.8	+ 5.0	S.S.W. †					Sum 1135	8.5	Sum 0.81	

DAY	ELECTRICITY	Circumstances accompanying the exhibition of Electricity	GENERAL REMARKS
SUN.			The sky was generally overcast throughout the day. The air was very damp.
MON.			Cirrostratus and scud covered the sky throughout the day, except from noon till 4h. p.m., when it was generally about one-half covered with fleecy clouds and loose scud. Rain was falling occasionally during the early part of the morning.
TUES.			Overcast till 2h. p.m. Generally cloudless during the remainder of the day. Rain was falling heavily from 9h. a.m. till 6h. 30m. p.m.
WED.	Negative and tension moderate on Friday at noon, during rain. Nothing was shewn at any other times throughout the week.		The sky was generally about one-half covered with thin cirrostratus, scud, and haze, throughout the day, except from 3h. to 6h. p.m., when it was cloudless. A lunar halo was visible at 4h. a.m. Its radius by measurement was 22½°.
THURS.			Generally overcast with cirrostratus and scud throughout the day.
FRID.			Overcast throughout the day. Rain was falling steadily from 3h. a.m. till midnight.
SAT.			Overcast throughout the day. Rain was falling till 1h. 30m. a.m., and again from 4h. 30m. a.m. till 6h. 30m. p.m.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The amount of clouds is estimated by considering a clear sky to be represented by 0, a cloudy sky by 10; and when partially cloudy by estimating the number of tenths of the whole sky covered with cloud. The observations are taken every two hours, day and night.

The readings of the two self-registering thermometers, the one placed in the full rays of the sun, and the other placed on grass fully exposed to the sky, are taken every morning at 9 A.M., and therefore exhibit the highest and lowest readings respectively, that have occurred in the previous 24 hours. They are, however, placed here opposite to the civil day which precedes that on which the thermometers are read. The thermometer, whose bulb was placed in the full rays of the sun, is broken.

Whewell's anemometer (from the indications of which the estimation of horizontal movement is made) is read at 10 A.M., and the result given is for the 24 hours preceding. It is placed here opposite to the civil day, which precedes that on which the anemometer is read.

The average temperature for 25 years is furnished by Mr. Henry, Assistant at the Royal Observatory, from the observations made at his residence in the neighbourhood of Greenwich Park.

\* In reading the 16th column, it will be borne in mind that + is read "higher," and — "lower," than the average.

The temperature of the water of the Thames is ascertained by the use of a self-registering thermometer, suspended from the side of the Dreadnought Hospital Ship, at the depth of about 2 feet below the surface. The readings of this instrument are registered under the superintendence of Lieutenant Sanders, R.N., Superintendent of the Dreadnought. The mean reading of a thermometer placed on the mainmast, and read each day at 6h. 30m. A.M., was 45.3; and the mean reading at 7h. 30m. P.M., was 47.8; the mean readings at the Royal Observatory for the same times were 46.0 and 45.4 respectively.

† The general direction of the wind for the week was S.S.W.

# Births and Deaths registered in London,

During the Week ending Saturday, December 4th, 1847.

ANNUAL SERIES VIII.]

PUBLISHED BY AUTHORITY OF THE REGISTRAR GENERAL.

[No. 49.]

Causes of Death.	Age			Total	Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population	5 Autumns	Causes of Death.	Age			Total	Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population	5 Autumns
	0 to 15	15 to 60	60 and upwards					0 to 15	15 to 60	60 and upwards			
ALL CAUSES.....	1012	712	730	2454	1046		IV.—Laryngitis .....	4	1	..	5	2	
SPECIFIED CAUSES .....	1010	709	727	2446	1039		Quinsey .....	1	1	..	2	2	
I.—Zymotic Diseases .....	370	129	139	638	211		Bronchitis .....	96	96	151	343	39	
SPORADIC DISEASES—							Pleurisy .....	4	7	3	14	3	
II.—Dropsy, Cancer, and other Diseases of uncertain or variable Seat .....	80	32	32	144	104		Pneumonia .....	219	56	31	306	109	
III.—Diseases of the Brain, Spinal Marrow, Nerves and Senses ..	135	51	45	231	157		Hydrothorax .....	1	2	2	5	5	
IV.—Diseases of the Lungs, and of the other Organs of Respiration ..	350	370	274	994	333		Asthma .....	..	33	53	86	24	
V.—Diseases of the Heart and Blood-vessels .....	4	46	27	77	34		Phthisis (or Consump- tion) .....	21	158	19	198	134	
VI.—Diseases of the Stomach, Liver, and other Organs of Digestion ..	55	35	23	113	74		Disease of Lungs, &c. ....	4	16	15	35	16	
VII.—Diseases of the Kidneys, &c. ....	..	12	2	14	9		V.—Pericarditis.....	..	1	1	2	2	
VIII.—Childbirth, Diseases of the Uterus, &c. ....	..	14	5	19	14		Aneurism .....	..	2	..	2	1	
IX.—Rheumatism, Diseases of the Bones, Joints, &c. ....	6	8	3	17	7		Disease of Heart, &c. ....	4	43	26	73	31	
X.—Diseases of the Skin, Cellular Tissue, &c. ....	1	2	3	6	2		VI.—Teething.....	23	..	..	23	14	
XI.—Old Age .....	..	..	165	165	65		Gastritis .....	..	1	..	1	15	
XII.—Violence, Privation, Cold and Intemperance .....	9	10	9	28	29		Enteritis .....	2	5	2	9	3	
I.—Small Pox .....	21	6	..	27	15		Peritonitis .....	2	2	1	5	10	
Measles .....	89	..	..	89	36		Tabes Mesenterica.....	18	..	..	18	1	
Scarlatina .....	62	1	..	63	44		Worms .....	1	..	..	1	1	
Hooping Cough .....	65	..	..	65	32		Ascites .....	..	3	..	3	2	
Croup .....	11	..	..	11	8		Ulceration (of Intestines, &c.).....	..	1	1	2	2	
Thrush .....	3	..	..	3	5		Hernia .....	1	2	2	5	2	
Diarrhoea .....	21	2	5	28	17		Colic or Ileus .....	1	..	2	3	2	
Dysentery .....	1	2	2	5	4		Intussusception .....	..	..	..	..	1	
Cholera .....	..	..	..	..	1		Stricture (of the Intestinal Canal) .....	..	1	..	1	1	
Influenza .....	38	48	112	*198	3		Hæmatemesis .....	1	..	1	2	1	
Ague .....	..	..	1	1	1		Disease of Stomach, &c. ..	4	2	5	11	6	
Remittent Fever.....	3	..	..	3	1		Disease of Pancreas .....	..	..	..	..	1	
Typhus .....	53	61	18	132	36		Hepatitis .....	1	3	2	6	3	
Erysipelas .....	3	7	1	11	7		Jaundice .....	..	..	2	2	2	
Syphilis .....	..	2	..	2	2		Disease of Liver, &c. ....	1	15	5	21	10	
Hydrophobia .....	..	..	..	..	..		Disease of Spleen.....	..	..	..	..	2	
II.—Hæmorrhage .....	2	..	1	3	3		VII.—Nephritis.....	..	..	..	..	5	
Dropsy .....	2	11	14	27	24		Ischuria .....	..	..	..	..	1	
Abscess .....	..	..	..	..	2		Diabetes .....	..	1	..	1	1	
Noma .....	2	..	..	2	1		Cystitis .....	..	..	..	..	4	
Mortification .....	1	1	4	6	4		Stone .....	..	..	..	..	1	
Purpura .....	3	..	..	3	4		Stricture (of the Urethra) ..	..	1	1	2	1	
Scrofula .....	3	2	..	5	4		Disease of Kidneys, &c. ..	..	10	1	11	6	
Cancer .....	..	13	2	15	14		VIII.—Childbirth .....	..	12	..	12	9	
Tumour .....	..	..	..	..	5		Paramenia .....	..	1	..	1	3	
Gout .....	..	1	1	2	1		Ovarian Dropsy .....	..	1	3	4	1	
Atrophy .....	31	..	4	35	14		Disease of Uterus, &c. ....	..	..	2	2	3	
Debility .....	31	1	..	32	22		IX.—Arthritis .....	..	..	..	..	1	
Malformations .....	2	..	..	2	3		Rheumatism .....	1	4	1	6	4	
Sudden Deaths (including Coroners' Inquests, in which it is not shewn from what diseases or causes the persons died.)	3	3	6	12	13		Disease of Joints, &c. ....	5	4	2	11	4	
III.—Cephalitis .....	11	3	2	16	12		X.—Carbuncle .....	1	1	..	2	2	
Hydrocephalus .....	44	2	..	46	32		Phlegmon .....	..	1	1	2	2	
Apoplexy .....	5	12	13	30	23		Ulcer .....	..	..	2	2	8	
Paralysis.....	..	15	25	40	19		Fistula.....	..	..	..	..	4	
Convulsions.....	70	..	..	70	51		Disease of Skin, &c.....	..	..	..	..	8	
Tetanus .....	..	..	..	..	4		XI.—Old Age .....	..	..	165	165	65	
Chorea .....	..	..	1	1	1		XII.—Intemperance .....	..	3	..	3	1	
Epilepsy .....	1	6	..	7	5		Privation.....	1	..	1	2	7	
Insanity .....	..	1	2	3	2		Violent Deaths .....	8	7	8	23	28	
Delirium Tremens.....	..	4	..	4	2		Causes not Specified.....	2	3	3	8	7	
Disease of Brain, &c. ....	4	8	2	14	11								

Weekly Average derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population		Deaths registered in the Week		Deaths registered in the Week		Births registered in the Week	
Males .....	528	Males .....	1141	Males .....	696	Males .....	696
Females .....	518	Females .....	1313	Females .....	627	Females .....	627
Total .....	1046	Total .....	2454	Total .....	1323	Total .....	1323

\* See also bronchitis, pneumonia, and other important heads.

DISTRICTS OF LONDON,  
Comprising 135 Registrars' Districts.

	Area in square Miles	Population Enu- merated in 1841	Weekly Average derived from Deaths of 1842-6, and corrected for increase of Population	DEATHS registered in the Week	BIRTHS registered in the Week
			5 Autumns		
WEST DISTRICTS { Kensington; Chelsea; St. George, Hanover-square; Westminster; St. Martin in the Fields; St. James .....	17.2	301,326	146	300	180
NORTH DISTRICTS { St. Marylebone; St. Pancras; Islington; Hackney; part of Edmonton, viz. Hampstead .....	20.5	376,396	184	422	247
CENTRAL DISTRICTS { St. Giles and St. George; Strand; Holborn; Clerkenwell; St. Luke; East London; West London; City of London .....	2.8	374,759	196	530	237
EAST DISTRICTS { Shoreditch; Bethnal Green; Whitechapel; St. George in the East; Stepney; Poplar .....	8.8	393,247	233	602	326
SOUTH DISTRICTS { St. Saviour; St. Olave; Bermondsey; St. George, Southwark; Newington; Lambeth; Wandsworth and Clapham; Camberwell; Rotherhithe; Greenwich; Lewisham .....	66.2	502,483	288	600	333
TOTALS .....	115.5	1,948,211	1046	2454	1323

Births and Deaths not caused by Violence, registered in the Metropolis in the last 13 weeks, with the Mean Temperature for the same periods.

	11th Sept.	18th Sept.	25th Sept.	2nd Oct.	9th Oct.	16th Oct.	23rd Oct.	30th Oct.	6th Nov.	13th Nov.	20th Nov.	27th Nov.	4th Dec.
BIRTHS .....	1277	1162	1260	1454	1241	1254	1257	1291	1336	1275	1256	1189	1323
DEATHS (except from Violence) .....	1012	1123	1022	1041	995	940	951	928	1045	1073	1064	1654	2431
Deaths (except from Violence) at 60 yrs. & upwards .....	164	196	184	192	193	206	168	167	191	212	181	383	722
Influenza .....	..	1	..	2	1	..	..	1	2	4	4	36	198
Typhus .....	81	111	77	79	79	93	78	73	80	68	86	87	132
Purpura .....	3	1	1	..	3	1	1	2	..	..	..	2	3
Mean Temperature .....	56.3	54.1	56.1	51.7	53.0	54.8	53.5	49.8	50.5	49.8	40.7	46.5	47.9

RETURN of DEATHS, in the Weeks ending

Population, 1841.		Oct. 30th	Nov. 6th	Nov. 13th	Nov. 20th	Nov. 27th	Dec. 4th
1,948,425*	London .....	945	1052	1098	1086	1677	2454
300,711	West Districts .....	122	151	173	180	179	300
375,971	North Districts .....	191	207	215	167	267	422
373,653	Central Districts .....	170	189	210	205	319	530
392,444	East Districts .....	192	221	221	262	504	602
501,190	South Districts .....	270	284	279	272	408	600
74,779	Kensington .....	36	44	46	47	43	61
40,179	Chelsea .....	16	34	26	22	31	39
66,552	St. George, Hanover-sq. .....	31	22	23	36	32	44
56,712	Westminster .....	20	26	44	43	43	99
25,091	St. Martin-in-the Fields .....	7	11	17	18	11	27
37,398	St. James, Westminster .....	12	14	17	14	19	30
138,164	Marylebone .....	62	76	80	52	103	141
139,856	Pancras with Hampstead .....	73	86	88	73	94	164
55,690	Islington .....	27	25	34	28	40	80
42,261	Hackney .....	29	20	13	14	30	37
54,292	St. Giles and St. George .....	25	26	25	28	49	49
43,598	Strand .....	18	12	23	19	35	44
44,461	Holborn .....	21	34	34	30	28	93
56,766	Clerkenwell .....	31	22	39	33	42	77

RETURN of DEATHS, in the Weeks ending

Population, 1841.		Oct. 30th	Nov. 6th	Nov. 13th	Nov. 20th	Nov. 27th	Dec. 4th
49,829	St. Luke .....	19	17	30	25	35	68
39,655	East London .....	19	28	26	29	61	75
29,142	West London .....	15	31	17	21	39	64
55,920	City of London .....	22	19	16	20	40	60
83,432	Shoreditch .....	39	42	36	50	85	111
74,088	Bethnal Green .....	29	37	33	48	103	124
71,765	Whitechapel .....	48	54	69	53	113	134
41,350	St. George in the East .....	27	38	23	37	84	82
90,687	Stepney .....	40	35	41	56	98	115
31,122	Poplar .....	9	15	19	18	21	36
32,975	St. Saviour .....	15	15	24	24	28	57
18,479	St. Olave .....	17	20	14	21	37	39
34,947	Bermondsey .....	34	26	22	33	35	49
46,644	St. George, Southwark .....	27	31	43	30	55	65
54,606	Newington .....	33	28	33	26	40	66
115,888	Lambeth .....	73	63	52	63	83	117
39,868	Camberwell .....	16	32	10	12	30	52
13,917	Rotherhithe .....	5	8	8	8	19	32
80,997	Greenwich .....	36	41	55	34	69	98
39,855	Wandsworth .....	9	10	7	13	16	19
23,014	Lewisham .....	5	10	11	8	6	6

\* Includes 1366 Men on River, and 3090 Police on Duty.

DEATHS registered in LONDON, in the forty-ninth week of eight years:—

(1840)	(1841)	(1842)	(1843)	(1844)	(1845)	(1846)	(1847)
1084	797	840	1014	1001	973	1064	2454

EXTRACTS FROM THE METROPOLITAN RETURNS OF THE PREVIOUS WEEK, No. 48.

(The tabular abstract on the first page is for the week ending Saturday, Dec. 4th. The following selection of cases is made from the returns for the week ending Nov. 27th.)

RETURNS OF VIOLENT DEATHS, MADE CHIEFLY BY CORONER.

NOTE.—The cases of violence not returned by the Coroner, have the words "no inquest."

<b>Fractures and Contusions:—</b> In St. Bartholomew's Hospital, M. (retired from business) 87, old age, but accelerated by the fracture of the neck of the thigh-bone from falling down in Little Britain. 5 weeks Solicitor, 54, fractured ribs and other injuries, caused by throwing himself from the Whispering Gallery in St. Paul's Cathedral, temporary insanity .....	duration 5 weeks instant
Bricklayer's labourer, 18, rupture of the spleen by a fall from a chimney, (40 feet) while colouring it during a high wind (supposed to have been blown off the scaffold) .....	1 hour
Plumber and painter, 25, accidental death by a fall from a ship, and rupture of a blood-vessel .....	1 month
Seaman, 18, mortal injuries by a large block of stone falling on him accidentally .....	instant
In St. Bartholomew's Hospital, labourer, 53, effect of a fracture of his left thigh, caused by a stone falling on him at Theobald's-road .....	*
In St. Thomas' Hospital, gentleman, 83, bronchitis, induced by fractured ribs, from being run over by a cabriolet in King William-street .....	2 days
F. 72, f dislocation of the shoulder .....	5 weeks
(no inq.) { debility .....	5 weeks
<b>Fractures and Contusions (continued):—</b> In Guy's Hospital, son of a stone-mason, 9, (post mort.) rupture of his lungs, spleen, and liver, from being run over by a van, as he was at play at Maltby-street, Bermondsey .....	40 hours
M. 11, f injured kidney .....	10 months
(no inq.) { anasarca .....	4 weeks
Query—How was the injury produced? M. 49 (no inquest), cervical abscess and fractured rib .....	*
Query—How fractured? Wounds:— Merchant of india-rubber, 60, cut his throat with a razor, (whether of sound mind at the time could not be ascertained) .....	*
Drowning:— Labourer, 25, accidental death by a fall into the waters of the London Docks. Son of a fisherman, 10, found dead without marks of violence—supposed to have been drowned. F. servant, 33, drowned herself in the Hermitage Dock, London Docks, under temporary mental derangement (immersed 25 min.)	
<b>Drowning (continued):—</b> M. 49, drowned by falling into the River Thames accidentally (in water 10 days). Hanging:— M. 32, suicide in temporary insanity—hanged himself with a rope to a beam in a loft—found dead. M. 38, hung himself to a rafter in a privy, in temporary insanity. Burns and Scalds:— In Guy's Hospital, son of a coach trimmer, 14, burnt by the explosion of fire-works, at No. 64, Little Surrey-street, Blackfriars-road .....	duration 12 hours
In Guy's Hospital, son of a hat-dyer, 12, burnt by the explosion of fire-works, at No. 64, Little Surrey-street .....	58 hours
M. 3, burns by his clothes taking fire accidentally .....	6½ hours
F. 6, burns by his clothes taking fire accidentally .....	27 hours
Poison:— F. 68, poisoned by arsenic—wilful murder against her son, William Stewart Sheridan .....	*

SIXTEEN HOSPITALS.—CAUSES OF DEATHS (NOT VIOLENT) AS RETURNED BY THE MEDICAL OFFICERS.

NOTE.—Deaths in hospitals from fractures, wounds, burns, scalds, poison, are not contained in this list. See deaths by violence.

<b>Consumption H:—</b> M. 21, phthisis .....	duration *
F. 35, phthisis .....	about 2 years
<b>St. George's H:—</b> M. 22, (post mort.) dysentery .....	4 or 5 months
F. 30, (post mort.), inflamed inguinal gland—peritonitis .....	*
<b>Westminster H:—</b> M. 13, { bronchitis .....	5 weeks
{ anasarca .....	8 days
{ hydrothorax .....	*
F. 58, malignant tumour of the oesophagus ..	*
<b>Charing Cross H:—</b> No deaths registered	
<b>Middlesex H:—</b> M. 63, emphysema pulmonum .....	*
F. 39, morbus cordis—hydrothorax .....	*
F. 34, phlebitis—6 weeks after parturition ..	*
<b>University College H:—</b> No deaths registered.	
<b>Royal Free H:—</b> No deaths registered.	
<b>Small Pox H:—</b> No deaths registered.	

**SIXTEEN HOSPITALS.—CAUSES OF DEATH (NOT VIOLENT) AS RETURNED BY THE MEDICAL OFFICERS (continued):—**

Fevers H.:—		duration	St. Bartholomew's H. (continued):—		duration	Guy's H. (continued):—		duration
M. 18, fever.	in hospital 18 hours.	*	M. 48, cancer of the mouth.		*	F. 19, phthisis.		8 months
M. 18, dysentery.	of long standing		M. 46, erysipelas of the face		*	F. 52, partial paralysis—malignant polypus of left auricle of heart		*
M. 48, typhus.	in hospital 30 days.	13 days	See Violent Deaths.			See Violent Deaths.		
F. 19, fever.	in hospital 10 days.	*	London H.:—			St. Thomas' H.:—		
F. 10, fever.	in hospital 12 hours.	about 4 days	M. 18, apoplexy.		8 days	M. 33, {dropsy.		32 days
F. 32, typhoid fever.	in hospital 2 days.	12 days	M. 10, general dropsy		4 weeks	F. 75, {strangulated femoral hernia		*
F. 24, fever.	in hospital 5 days.	24 days	brought in a dying state, and expired 12 hours after admission.			M. 38, {operation		16 hours
F. 29, typhus.	in hospital 16 days.	22 days	M. 52, consumption		1 year	M. 38, {bronchitis		15 years
F. 43, typhus.	in hospital 8 days.	19 days	M. 77, strangulated hernia		*	(p.m.) {peritonitis		*
M. 44, fever.	in hospital 13 days.	10 days	moribund when admitted.			M. 26, phthisis		*
	in hospital 2 days.		M. 29, strangulated hernia		*	M. 43, aggravated ulcer of his leg, and general debility		*
King's College H.:—No deaths registered.			from the great quantity of bowel in the scrotum which had to be reduced, there was extensive peritonitis.			See Violent Deaths.		
St. Bartholomew's H.:—			F. 59, dropsy		*	Royal Ordnance H.:—No deaths registered.		
M. 42 (inquest), natural causes—dropped down suddenly in Little Britain and died. in a few mins.			F. 73, strangulated hernia		*	Dreadnought H.:—		
M. 42 (inquest), apoplexy	instantly		moribund when admitted.			M. 24, {dysentery.		15 months
M. 19, pleurisy			Guy's H.:—			(p.m.) {ulceration of large intestine		3 weeks
M. 34, intussusception			M. 26, {disease of heart		*	M. 22, {pleurisy of left side and pericarditis		3 weeks
M. 22, fever—pneumonia			M. 58, delirium tremens		2 months	(p.m.) {empyema—adherent pericardium		*
F. 30, disease of the breast			M. 48, sloughing of the scrotum.		*	M. 20 (post mort.), phthisis—tubercles in lungs and spleen		*
F. 67, bronchitis.			M. 19, {diseased spine.		18 months	M. 50, disease of liver and jaundice		*
M. 26, coma			(p.m.) {sloughing lung		4 months	M. 48 (post mort.), bronchitis		13 days
M. 60, mortification of the abdomen			M. 56, bronchitis		*	M. 40 (post mort.), bronchitis		1 month
			M. 6 mon., emaciation from syphilitic taint		*	M. 16, typhus.		13 days
			M. 55, {cirrhosis		*	stricture of urethra.		6 months
			M. 55, {ascites and anasarca		3 months	M. 24, {division of stricture		10 days
			F. 50, influenza—broncho-pneumonia—pericarditis		10 days	(p.m.) {inflammation and abscess of kidneys		*
						and bladder.		*
DEATHS BY SMALL POX, INFLUENZA, SYPHILIS, MALFORMATION, HERNIA, DIABETES, STONE, CHILDBIRTH, DELIRIUM TREMENS, INTemperance, PRIVATION, PURPURA, HÆMORRHIAGE, HÆMATEMESIS, ETC.								
Small Pox:—		duration	CLERKENWELL; Pentonville.		duration	Hernia:—		duration
NOTE.—It should be stated in all cases whether vaccination had been performed with effect.								
F. 6, variola (natural); congestion of lungs	9 days		F. 75, influenza		1 week	F. 64, {hernia		7 days
F. 2, small pox (first attack)	11 days		St. James.			F. 45, obstruction of the bowels, complicated with old irreducible umbilical hernia.		4 days
vaccination attempted a year before without success.			WEST LONDON; South.			M. 62, strangulated umbilical hernia		2 weeks
F. 25, variola, confluent	12 days		F. 71, old age and influenza		*	F. 74, umbilical hernia and climacteric decay.		*
M. 8, small pox (not vaccinated)	10 days		CITY OF LONDON; North East.			See Hospital Returns.		
M. 3, small pox (vaccinated about 1 year ago)	8 days		M. 4, influenza—inflammation of the lungs		*	Diabetes:—No deaths registered.		
F. 9, variola (not vaccinated)	17 days		South East.			Stone:—		
M. 45, small pox (not vaccinated)	17 days		M. 64, influenza		6 days	M. 73, {stone in the bladder		2 years
F. 1, variola (not vaccinated)	10 days		F. 64, {influenza		4 days	(p.m.) {bronchitis		4 days
F. 1, small pox (first attack) not vaccinated	10 days		F. 64, {diarrhoea		1 day	M. 2, calculus in urinary bladder		18 days
F. 5, {variola, confluent.	17 days		WHITECHAPEL; Spital Fields.			Childbirth:—The time elapsing from commencement of labour to death should invariably be returned.		
F. 5, {exhaustion	3 days		M. 48, {chronic bronchitis.		2 years	F. 23, puerperal convulsions		2 days
F. 17, small pox (vaccinated in infancy)	*		M. 48, {influenza		4 days	F. 24, {puerperal convulsions		36 hours
F. 3, small pox (not vaccinated)	*		Mile End, New Town.			F. 24, {childbirth		18 hours
F. 4, small pox	17 days		M. 2, {bronchitis		14 days	F. 25, {flooding.		2 days
not vaccinated—first attack.			M. 2, {influenza		20 hours	F. 25, {pregnant		8 months
F. 8 months, {small pox (not vaccinated).		*	St. GEORGE-IN-THE-EAST; St. Mary's.			F. 28, {childbirth		4 days
M. 2, variola (not vaccinated)	2 weeks		F. 59, influenza, with bronchitis		4 days	F. 28, {puerperal inflammation		3 days
F. 3, confluent small pox (not vaccinated)	13 days		STEPNEY; Limehouse.			F. 38, {delivery of a seven-months' dead child		4 days
M. 3, modified small pox, succeeding dropsy from scarlatina (not vaccinated).	*		M. 32, influenza		*	F. 38, {diarrhoea—exhaustion of the vital powers.		*
F. 40, variola	15 days		Ratcliff.			F. 35, debility from long-continued flooding.		*
F. 5 months, bronchitis and variola	10 days		M. 62, influenza		*	F. 40, flooding before delivery from placental presentation		7 days
not vaccinated.			M. 49, chronic catarrh—influenza		*	See Return of Middlesex Hospital.		
M. 8 months, small pox (not vaccinated)	3 days		M. 67, {chronic catarrh.		— years	Disease and Childbirth:—		
M. 1, small pox	12 days		M. 67, {influenza		*	F. 38, {phthisis		*
M. 1, small pox	*		Mile End, Old Town (Lower).			F. 38, {childbirth (premature).		3 days
vaccinated 6 months before without success.			F. 84, old age and influenza		7 days	F. 42, {phthisis		1 year
M. 1, small pox	*		BERMONDSEY; St. James.			F. 42, {childbirth		12 hours
vaccinated 6 months before without success.			F. 52, influenza—bronchitis		7 days	F. 32, {epilepsy		10 years
F. 2, small pox (natural)	14 days		St. GEORGE-THE-MARTYR; Borough Road.			F. 32, {puerperal convulsions.		2 days
M. 24, {variola confluent	11 days		F. 64, influenza		6 days	Delirium Tremens:—		
F. 3, typhoid fever	10 days		LAMBETH; Lambeth Church (second part.)			M. 31, delirium tremens		8 days
F. 3, variola (not vaccinated)	10 days		F. 49, {chronic bronchitis		*	M. 37, delirium tremens		1 year
F. 3, variola (not vaccinated)	4 days		F. 49, {acute influenza		*	M. 43, {insanity		several years
F. 4 months, small pox (not vaccinated)	9 days		pneumonia		2 weeks	F. 43, {delirium tremens		3 days
F. 6, small pox (natural)	10 days		GREENWICH; East.			See Return of Guy's Hospital.		
Influenza:—			F. 81, influenza		*	Intemperance:—		
CHelsea; South Chelsea.			See Return of Guy's Hospital.			F. 36, disease of stomach and liver; and imbecility produced by abuse of spirits.		*
F. 65, influenza	2 weeks		Cases of primary Disease, with Influenza:—			Labourer, 51 (inquest), natural death—sudden, from effusion on the brain, accelerated by intoxication		*
North West.			BETHNAL GREEN; Hackney Road.			Privation:—No deaths registered from this cause.		
F. 90, {old age and debility.		*	F. 65, chronic disease of lungs—influenza		*	Want of Breast-milk, &c.:—		
F. 90, {influenza	1 week		SHOREDITCH; St. Leonard's.			M. 4 mon., want of the breast—inanition		*
St. MARYLEBONE; The Rectory.			F. 42, {adhesion of the lungs		*	F. 1, atrophy from want of breast-milk		3 weeks
M. 80, influenza—bronchitis	*		F. 42, {hypertrophy of the liver		*	F. 2 mon., {want of breast-milk		2 months
F. 76, influenza—bronchitis	*		F. 42, {influenza		2 days	F. 2 mon., {convulsions		*
F. 62, influenza—bronchitis	*		Hoxton, New Town.			F. 1 mon., inanition		1 month
F. 70, influenza—bronchitis	*		F. 50, {asthma		8 years	F. 5 weeks, want of nourishing milk		*
F. 81, influenza—bronchitis	*		F. 50, {influenza		5 days	Purpura:—		
M. 74, influenza—bronchitis	*		Syphilis:—			F. 10 mon., purpura—effusion on the brain		3 days
M. 70, influenza—bronchitis	*		F. 3 weeks, syphilis		from birth	M. 3, fever—purpura		5 days
F. 75, influenza—bronchitis	*		M. 53, syphilis and scrofula		*	Hæmorrhage; Hæmatemesis; &c.:—		
F. 34, influenza—bronchitis	*		F. 5 weeks, syphilis		*	F. 75, hæmorrhage from the bowels		*
St. PANCRAS; The Regent's Park.			See Return of Guy's Hospital.			F. 25 (inquest), sudden death from rupture of a blood-vessel		*
F. 26, influenza—spasmodic affection of the chest	4 days		Malformation:—			M. 30, hæmatemesis		2 weeks
ISLINGTON; East.			F. 1½ day, asphyxia from malformation of the chest		*	F. 28, hæmatemesis		1 month
F. 3, bronchitis—influenza	*		M. 5 mon., marasmus—cleft palate.		*	Paralysis and Hæmatemesis:—		
HACKNEY; West.			F. 15, {thoracic malformation		many years	M. 71, {paralysis		6 years
M. 73, {influenza	10 days		F. 15, {diseased heart		2 years	M. 71, {hæmatemesis		4 days
F. 89, influenza	3 days		M. 4 mon., morbus cœruleus		from birth	Worms:—		
St. GILES-IN-THE-FIELDS; South.			M. 1, cyanosis		from birth	F. 2, weakness from worms		3 months
F. 89, influenza	3 days		F. 3 mon., congenital malformation of throat		*			
STRAND; St. Clement Danes.			tabes		*			
F. 93, influenza	*		F. 1, malformation—debility		from birth			
St. Mary.			M. 2 days, imperfect closure of the foramen ovale—convulsions		*			
M. 42, asthma and influenza	*							

ANALYSIS OF CASES IN WHICH INQUESTS WERE HELD.—Violence, 20; rupture of a blood vessel, 1; apoplexy, 8; disease of the heart, 1; intemperance, 1; other specified causes, 7; "found dead," "natural death," "visitation of God," &c., 14.—TOTAL, 52 cases.

THE NUMBER OF CASES in which it is recorded that a POST MORTEM EXAMINATION was made, is 42.

METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH,  
During the Week ending Saturday, 4th December, 1847.

Day.	Phases of the	Mean height of the barometer, from 12 Observations, (corrected and reduced to 32 degrees Fahrenheit.)	Readings of Thermometers										Difference between the Dew Point Temperature and Air Temperature			Difference between the mean temperature of the day, and the mean temperature of the day on an average of 25 years	WIND							Mean Amount of Cloud, 0-10	Rain in inches, read at 9 o'clock the next morning																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
			Dry			Dew Point	Highest in the sun, as shown by a self-regist- ering Thermometer	Lowest on the grass, as shown by a self-regist- ering Thermometer	In the Water of the Thames at Greenwich, by the self- registering Thermometer, read at 9 o'clock next morning	Mean of 12 Diffs.	Greatest	Least	General Direction		Pressure in lbs. on the square foot		Amount of Horizontal Movement of the Air in each day																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
			High- est from 12 Obs.	Low- est from 12 Obs.	Mean from 12 Obs.	Mean from 12 Rts							Highest	Lowest	A.M.			P.M.	Greatest	Least	Mean of 12 Obs.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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DAY	ELECTRICITY	GENERAL REMARKS
SUN.		Overcast with rain falling at intervals throughout the day. The barometer readings were very low this day, the minimum being 28.617 in., and occurring about 3h. p.m.
MON.		Cirrostratus, fleecy clouds, and a few cumuli covered about one half of the sky till 2h. p.m.; cloudless during the remainder of the day.
TUES.		Generally overcast, with rain falling at intervals throughout the day.
WED.	Positive and tension weak on Friday at 1h. 30m. p.m., and on Saturday from 9h. a.m. till 2h. p.m.	Overcast, with rain falling generally till 6h. a.m. The sky was mostly cloudless during the rest of the day. There was a gradual rise in the barometer from Nov. 28th, at 3h. p.m. till this day (Dec. 1st) at 10h. p.m., when the maximum (30.397 in.) took place.
THURS.	Nothing was shewn at any other times throughout the week.	Nearly cloudless at 1h. a.m., and from 9h. a.m. till about noon; at other times the sky was overcast. Rain was falling in the evening.
FRID.		Overcast throughout the day. Rain was falling from 3h. p.m. till midnight. The temperature was remarkably high.
SAT.		Most of the sky was free from cloud from 5h. a.m. till noon,—at other times it was overcast. Rain was falling occasionally in the evening. There was a great fall in the readings of the barometer on this day. At 9h. a.m. the reading was 29.637 in., and it fell to 29.376 in. by 11h. 20m. p.m., and was then still falling. During the evening a gale of wind was blowing from the S.W. At 8h. 15m. and 9h. 35m. pressures of 4.5lbs. were recorded at the Anemometer, and at 11h. 53m. a pressure of 5lbs. was recorded.

In the week ending Nov. 20, there were great changes in the temperature of the air. The mean temperature for Monday the 15th was 54°3, being 11°1 above the average temperature for 25 years. The mean temperature for Tuesday the 16th was 48°5 being 6° above the average. The temperature then became lower, and on the 17th, 18th, 19th, and 20th it was 2°7, 7°8, 10°0, and 7°5 respectively, below the average. The difference in the mean temperatures of the 15th and 19th was very great, the former being 54°3, and the latter 32°1, making a difference of 22°2. The reading of the barometer for this week was remarkably high, the mean for each day being above 30 in., and the mean for the week being 30.119 in.

In the following week, ending Nov. 27d, the changes in the barometer heights are remarkable.

The magnets were disturbed on Nov. 23d, 23d, 24d, and 25d.

NOTE BY MR. GLAISHER.

The month of November was remarkable on account of the mean temperature of the air, being very different from the average for the season (the deviation from the average temperature being great and continuous); and for a period of cold between the 17th and 21st days.

From the 1st to the 16th inclusive, the temperature of the air was high every day, the departure from the average being in excess, the mean amount of which was 5°4. From the 17th to the 21st, both days inclusive, the temperature of the air was low, and below the average for the season, every day; its mean amount of depression below the average was 5°7. From the 22nd to the end of the month, the temperature was again high, and its mean amount of elevation above the average was 5°0.

On November 15th the temperature was high, the extremes were 48°5 and 57°5, and the average for the day was 53°; this high temperature continued throughout Monday night, and till noon on Tuesday the 16th. At this time there was a remarkable darkness, to such extent as to render the use of candles necessary; during its continuance the direction of the wind suddenly changed from the W. to the N. From this time the temperature of the air declined rapidly, and before midnight it was at 39°. During Wednesday the 17th, the temperature of the air was low, and during the day there was but little change, and its average value was 37°. The night following ing night. On November 19th the temperature of the air did not reach the point 32° till 11 A.M., and it did not pass this point till after noon; at 1h. P.M. it was 33°; at 2h. P.M., it was 36°, and it did not rise higher than 36°2 throughout the day. It sank to 25°5 during the following night. The average temperature of the air on the change amounted to 34°5, it having been at both 24° and 58°5, between the 15th and 19th days. This great change of temperature was very painful. The extreme the air was below 32° till noon, after this time it slowly increased, and it had nearly reached 40° by midnight. The 21st day was cloudy throughout; the air was nearly saturated with moisture all day, and there was but little change of temperature. After this day the character of the weather was similar to that at the beginning of the month, viz., a high temperature; an unusual quantity of water held in solution in the atmosphere, which was nearly always saturated. The degree of humidity for the month was 0.9 when complete saturation is represented by unity.

The pressure of the atmosphere was great till the 7th, and on the 8th the reading of the barometer declined rapidly, and it increased as quickly on the 9th; it then continued high till the 20th; on the 21st it declined rapidly and to a low point; and was low on the 22nd, it began to increase on the 23rd; it fell rapidly on the 26th, and was very low on the 27th, and continued rather low till the end of the month.

Births and Deaths registered in London,  
During the Week ending Saturday, December 11th, 1847.

ANNUAL SERIES VIII.]

PUBLISHED BY AUTHORITY OF THE REGISTRAR GENERAL.

[No. 50.]

Causes of Death.	Age			Total	Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population	5 Autumns	Causes of Death.	Age			Total	Weekly Average derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population	5 Autumns
	0 to 15	15 to 60	60 and upwards					0 to 15	15 to 60	60 and upwards			
ALL CAUSES.....	1016	698	702	2416	1046		IV.—Laryngitis .....	7	1	1	9	2	
SPECIFIED CAUSES .....	1016	697	701	2414	1039		Quinsey .....	3	..	..	3	2	
I.—Zymotic Diseases .....	384	194	205	783	211		Bronchitis .....	85	83	131	299	39	
SPORADIC DISEASES—							Pleurisy .....	2	12	..	14	3	
II.—Dropsy, Cancer, and other Diseases of uncertain or variable Seat .....	106	24	30	160	104		Pneumonia .....	221	44	29	294	109	
III.—Diseases of the Brain, Spinal Marrow, Nerves and Senses ..	114	23	40	177	157		Hydrothorax .....	1	..	2	3	5	
IV.—Diseases of the Lungs, and of the other Organs of Respiration ..	340	346	227	913	333		Asthma .....	..	29	49	78	24	
V.—Diseases of the Heart and Blood-vessels .....	1	22	27	50	34		Phthisis (or Consump- tion) .....	14	168	10	192	134	
VI.—Diseases of the Stomach, Liver, and other Organs of Digestion ..	62	26	26	114	74		Disease of Lungs, &c.....	7	9	5	21	16	
VII.—Diseases of the Kidneys, &c.....	..	11	6	17	9		V.—Pericarditis.....	..	..	..	..	2	
VIII.—Childbirth, Diseases of the Uterus, &c. ....	..	20	..	20	14		Aneurism .....	..	2	..	2	1	
IX.—Rheumatism, Diseases of the Bones, Joints, &c.....	1	10	..	11	7		Disease of Heart, &c. ....	1	20	27	48	31	
X.—Diseases of the Skin, Cellular Tissue, &c. ....	..	..	..	..	2		VI.—Teething.....	19	..	..	19	14	
XI.—Old Age .....	..	..	134	134	65		Gastritis .....	1	1	..	2	15	
XII.—Violence, Privation, Cold and Intemperance .....	8	21	6	35	29		Enteritis .....	5	2	1	8	3	
I.—Small Pox .....	19	3	..	22	15		Peritonitis .....	1	..	1	2	10	
Measles .....	67	2	..	69	36		Tabes Mesenterica.....	32	..	1	33	1	
Scarlatina .....	42	3	..	45	44		Worms .....	..	..	..	..	2	
Whooping Cough .....	70	1	..	71	32		Ascites .....	..	1	1	2	2	
Croup .....	16	..	..	16	8		Ulceration (of Intestines, &c.).....	..	..	..	..	2	
Thrush .....	3	..	..	3	5		Hernia .....	1	1	5	7	2	
Diarrhoea.....	17	4	4	25	17		Colic or Ileus .....	..	2	2	4	2	
Dysentery .....	..	2	1	3	4		Intussusception .....	..	..	..	..	1	
Cholera .....	..	..	..	..	1		Stricture (of the Intestinal Canal) .....	..	..	..	..	1	
Influenza .....	80	113	181	374	3		Hæmatemesis.....	..	1	2	3	1	
Ague .....	..	1	1	2	1		Disease of Stomach, &c. ..	1	5	4	10	6	
Remittent Fever.....	2	..	..	2	1		Disease of Pancreas .....	..	..	..	..	1	
Typhus .....	61	58	17	136	36		Hepatitis .....	..	3	3	6	3	
Erysipelas .....	7	5	1	13	7		Jaundice .....	1	..	2	3	2	
Syphilis .....	..	2	..	2	2		Disease of Liver, &c. ....	1	10	4	15	10	
Hydrophobia .....	..	..	..	..	..		Disease of Spleen.....	..	..	..	..	2	
II.—Hæmorrhage .....	1	..	..	1	3		VII.—Nephritis.....	..	..	..	..	5	
Dropsy .....	..	8	12	20	24		Ischuria .....	..	..	1	1	1	
Abscess .....	..	2	1	3	2		Diabetes .....	..	..	..	..	1	
Noma .....	1	..	..	1	1		Cystitis .....	..	..	2	2	4	
Mortification .....	1	..	1	2	4		Stone .....	..	..	1	1	1	
Purpura .....	..	..	1	1	4		Stricture (of the Urethra) ..	..	..	..	..	1	
Scrofula .....	12	2	..	14	4		Disease of Kidneys, &c. ..	..	11	2	13	6	
Cancer .....	..	6	7	13	14		VIII.—Childbirth .....	..	15	..	15	9	
Tumour .....	..	..	..	..	5		Paramenia .....	..	..	..	..	3	
Gout .....	..	..	1	1	1		Ovarian Dropsy .....	..	..	..	..	1	
Atrophy .....	35	1	2	38	14		Disease of Uterus, &c. ....	..	5	..	5	3	
Debility .....	42	1	..	43	22		IX.—Arthritis .....	1	1	..	2	1	
Malformations .....	6	..	..	6	3		Rheumatism .....	..	5	..	5	4	
Sudden Deaths (including Coroners' Inquests, in which it is not shewn from what diseases or causes the persons died.)	8	4	5	17	13		Disease of Joints, &c. ....	..	4	..	4	4	
III.—Cephalitis .....	8	2	1	11	12		X.—Carbuncle .....	..	..	..	..	2	
Hydrocephalus .....	38	..	..	38	32		Phlegmon .....	..	..	..	..	2	
Apoplexy .....	3	5	12	20	23		Ulcer .....	..	..	..	..	8	
Paralysis .....	1	8	21	30	19		Fistula .....	..	..	..	..	4	
Convulsions.....	57	..	..	57	51		Disease of Skin, &c.....	..	..	..	..	8	
Tetanus .....	..	..	..	..	4		XI.—Old Age .....	..	..	134	134	65	
Chorea .....	..	..	..	..	1		XII.—Intemperance .....	..	2	..	2	1	
Epilepsy .....	1	3	1	5	5		Privation.....	..	..	1	1	7	
Insanity .....	..	1	..	1	2		Violent Deaths .....	8	19	5	32	28	
Delirium Tremens.....	..	..	..	..	2		Causes not Specified .....	..	1	1	2	7	
Disease of Brain, &c. ....	6	4	5	15	11								

Weekly Average derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population		Deaths registered in the Week		Births registered in the Week	
Males .....	528	Males .....	1175	Males .....	638
Females .....	518	Females .....	1241	Females .....	667
Total .....	1046	Total .....	2416	Total .....	1305

DISTRICTS OF LONDON, Comprising 135 Registrars' Districts.		Area in square Miles	Population Enu- merated in 1841	Weekly Average derived from Deaths of 1842-6, and corrected for increase of Population 5 Autumns	DEATHS registered in the Week	BIRTHS registered in the Week
WEST DISTRICTS	{ Kensington; Chelsea; St. George, Hanover-square; Westminster; St. Martin in the Fields; St. James .....	17.2	300,711	146	332	171
NORTH DISTRICTS	{ St. Marylebone; St. Pancras; Islington; Hackney; part of Edmonton, viz. Hampstead	20.5	375,971	184	482	229
CENTRAL DISTRICTS	{ St. Giles and St. George; Strand; Holborn; Clerkenwell; St. Luke; East London; West London; City of London.....	2.8	373,653	196	458	220
EAST DISTRICTS	{ Shoreditch; Bethnal Green; Whitechapel; St. George in the East; Stepney; } Poplar	8.8	392,444	232	463	316
SOUTH DISTRICTS	{ St. Saviour; St. Olave; Bermondsey; St. George, Southwark; Newington; Lambeth; } Wandsworth and Clapham; Camberwell; Rotherhithe; Greenwich; Lewisham	66.2	501,190	288	681	369
TOTALS .....		115.5	*1,948,425	1046	2416	1305

Births and Deaths not caused by Violence, registered in the Metropolis in the last 13 weeks, with the Mean Temperature for the same periods.

	18th Sept.	25th Sept.	2nd Oct.	9th Oct.	16th Oct.	23rd Oct.	30th Oct.	6th Nov.	13th Nov.	20th Nov.	27th Nov.	4th Dec.	11th Dec.
BIRTHS	1162	1260	1454	1241	1254	1257	1291	1336	1275	1256	1189	1323	1305
DEATHS (except from Violence)	1123	1022	1041	995	940	951	928	1045	1073	1064	1654	2431	2384
Deaths (except from Violence) at 60 yrs. & upwards	196	184	192	193	206	168	167	191	212	181	383	722	697
Influenza	1	..	12	1	..	..	1	2	4	4	36	198	374
Typhus	111	77	79	79	93	78	73	80	68	86	87	132	136
Purpura	1	1	..	3	1	1	2	..	..	..	2	3	6
Mean Temperature	54.1	56.1	51.7	53.0	54.8	53.5	49.8	50.5	49.8	40.7	46.5	47.9	46.7

#### RETURN of DEATHS, in the Weeks ending

Population, 1841.	Nov. 6th	Nov. 13th	Nov. 20th	Nov. 27th	Dec. 4th	Dec. 11th
1,948,425* London	1052	1098	1086	1677	2454	2416
300,711 West Districts	151	173	180	179	300	332
375,971 North Districts	207	215	167	267	422	482
373,653 Central Districts	189	210	205	319	530	458
392,444 East Districts	221	221	262	504	602	463
501,190 South Districts	284	279	272	408	600	681
74,779 Kensington	44	46	47	43	61	91
40,179 Chelsea	34	26	22	31	39	57
66,552 St. George, Hanover-sq.	22	23	36	32	44	56
56,712 Westminster	26	44	43	43	99	66
25,091 St. Martin-in-the Fields	11	17	18	11	27	25
37,393 St. James, Westminster	14	17	14	19	30	37
133,164 Marylebone	76	80	52	103	141	155
139,856 Pancras with Hampstead	86	83	73	94	164	210
55,690 Islington	25	34	28	40	80	74
42,261 Hackney	20	13	14	30	37	43
54,292 St. Giles and St. George	26	25	28	49	49	64
43,598 Strand	12	23	19	35	44	37
41,461 Holborn	34	34	30	28	93	56
56,756 Clerkenwell	22	39	33	42	77	75

#### RETURN of DEATHS, in the Weeks ending

Population, 1841.	Nov. 6th	Nov. 13th	Nov. 20th	Nov. 27th	Dec. 4th	Dec. 11th
49,829 St. Luke	17	30	25	35	68	52
39,655 East London	28	26	29	51	75	48
29,142 West London	31	17	21	39	64	61
55,920 City of London	19	16	20	40	60	65
83,432 Shoreditch	42	36	50	85	111	118
74,088 Bethnal Green	37	33	48	103	124	90
71,765 Whitechapel	54	69	53	113	184	88
41,350 St. George in the East	38	23	37	84	82	54
90,687 Stepney	35	41	56	98	115	88
31,122 Poplar	15	19	18	21	36	25
32,975 St. Saviour	15	24	24	28	57	60
18,479 St. Olave	20	14	21	37	39	38
34,947 Bermondsey	26	22	33	35	40	66
46,644 St. George, Southwark	31	43	30	55	65	64
54,606 Newington	28	33	26	40	66	92
115,888 Lambeth	63	52	63	83	117	135
39,868 Camberwell	32	10	12	30	52	51
13,917 Rotherhithe	8	8	8	19	32	24
80,997 Greenwich	41	55	34	59	98	105
39,855 Wandsworth	10	7	13	16	19	31
23,014 Lewisham	10	11	8	6	6	15

\* Includes 1366 Men on River, and 3090 Police on Duty.

#### DEATHS registered in LONDON, in the fiftieth week of eight years:—

(1840)	(1841)	(1842)	(1843)	(1844)	(1845)	(1846)	(1847)
1081	821	994	99	1214	981	1177	2416

#### DEATHS BY INFLUENZA IN THE PREVIOUS WEEK (ending Dec. 4th.)

PADDINGTON; St. John.	duration	ST. MARYLEBONE; Cavendish-square.	duration	ST. MARYLEBONE; St. Mary.	duration
M. 1, influenza	*	M. 74, { influenza	5 days	F. 33, { chronic bronchitis	*
KENSINGTON; Fulham.		F. 73, { bronchitis	3 days	F. 33, { influenza—bronchitis	14 days
F. 5, influenza	2 days	F. 96, influenza—bronchitis	*	F. 33, { typhus	8 days
CHELSEA; North-west.				F. 68, hydrothorax—influenza	*
F. 50, influenza	8 days	— The Rectory.		ST. PANCRAS; Tottenham.	
diseased liver.		M. 2, influenza	6 days	F. 1, influenza	14 days
ST. GEORGE, HANOVER SQUARE; May Fair.		F. 2, influenza	6 days	F. 12, { rachitis—highly distorted spine	from infancy
F. 65, influenza—chronic bronchitis	*	F. 78, influenza—bronchitis	*	F. 12, { influenza—bronchitis	about 3 weeks
Belgrave.		F. 84, influenza—bronchitis	*	F. 49, influenza—bronchitis	1 week
M. 3, { acute laryngitis	10 hours	M. 76, influenza—bronchitis	*	F. 10 mon, influenza	10 days
{ influenza	3 days	M. 18, influenza—scrofula	*		
WESTMINSTER; St. John.		M. 73, influenza—bronchitis	*	Gray's-inn-lane.	
F. 5, influenza	5 days	F. 81, influenza—bronchitis	*	F. 29, { chronic disease of chest	5 years
ST. MARTIN-IN-THE-FIELDS; Long Acre.		F. 55, influenza—bronchitis	*	{ influenza	1 week
M. 42, asthma—influenza	*	F. 78, influenza—bronchitis	*	F. 9 mon, { bronchitis	9 months
M. 6 mon, { pertussis	3 weeks	F. 77, influenza—paralysis	*	{ influenza	3 days
{ influenza	*	M. 6 mon, influenza	3 weeks	{ dentition and convulsions	*
F. 5, { pertussis	3 weeks	M. 40, influenza	10 days		
{ influenza	*	F. 76, influenza—cancer of the right breast	*	Somers Town.	
ST. JAMES', WESTMINSTER; St. James'-square.		— St. John.		M. 62, { influenza	several days
F. 49, { asthma	20 years	M. 10 mon, { influenza	3 days	{ rupture of a vessel in the stomach	2 days
{ influenza	6 days	{ pneumonia	2 days	M. about 27, { phthisis pulmonalis	6 years
ST. MARYLEBONE; All Souls.		M. 66, bronchitis—influenza	3 days	{ influenza	5 days
M. 1, influenza—pneumonia	7 days	F. 70, influenza—bronchitis	7 days	{ diseased heart	5 years
F. 86, influenza	14 days	F. 81, influenza	6 days	F. 46, { general dropsy	2 months
F. 1, influenza	9 days	F. 4 mon, bronchitis—influenza	5 days	{ influenza	1 week

DEATHS BY INFLUENZA (continued):—

ST. PANCRAS; Camden Town.	
F. 31, { scrofulous ulcers of joints, &c., with abscesses .....	duration
M. 63, influenza—pulmonary catarrh .....	about 1 week
Regent's Park.	
F. 72, { influenza .....	1 week
{ typhus .....	3 days
ISLINGTON; West.	
F. 31, influenza .....	12 days
F. 87, influenza .....	4 days
old age.	
East.	
M. 1, { mesenteric disease .....	1 year
{ influenza .....	1 week
F. 80, influenza .....	*
F. 2, influenza .....	*
F. 64, influenza—bronchitis .....	*
M. 72, influenza .....	*
M. 64, influenza .....	*
F. 70, influenza .....	*
F. 70, influenza .....	*
HACKNEY; West.	
M. 51, { influenza .....	*
{ bronchitis .....	2 weeks
M. 2, influenza and pneumonia .....	2 weeks
F. 64, { chronic bronchitis .....	some years
{ aggravated by influenza .....	2 days
F. 70, influenza .....	4 days
F. 68, { phthisis pulmonalis .....	*
{ influenza .....	5 days
ST. GILES-IN-THE-FIELDS; South.	
F. 78, influenza .....	*
M. 69, influenza .....	5 days
North.	
F. 66, influenza .....	7 days
F. 58, asthma and influenza .....	*
STRAND; St. Clement Danes.	
F. 77, natural decay and influenza .....	1 week
F. 77, influenza .....	1 week
St. Mary.	
F. 65, exhaustion after influenza .....	*
F. 39, { influenza .....	7 days
{ pneumonia .....	*
St. Anne.	
M. 59, { hydrothorax .....	1 year
{ influenza .....	10 days
HOLBORN; St. George, the Martyr.	
F. 75, bronchitis—influenza in a chronic form .....	many years
F. 1, catarrhus epidemicus .....	10 days
St. Andrew, East.	
F. 43, influenza .....	5 days
F. 52, { fever .....	2 weeks
{ influenza .....	5 days
F. 2, influenza and convulsions .....	1 day
Saffron-hill.	
F. 77, { chronic bronchitis .....	many years
{ influenza .....	*
CLERKENWELL; Pentonville.	
F. 50, { palpitation of the heart .....	many years
{ influenza .....	2 days
F. 82, influenza .....	1 month
Goswell-street.	
F. 75, influenza .....	14 days
St. James.	
F. 79, influenza .....	*
M. 74, influenza .....	*
F. 83, influenza .....	*
F. 22, influenza .....	*
M. 1, influenza—pneumonia .....	6 days
Male twins (aged 2 years.) The result hastened in both cases by the miserable condition of the small unhealthy apartment, in which a family of 10 persons lived, a water-closet (having no kind of drain) being within 5 inches of the apartment ...	
(1) scarlatina .....	4 weeks
anasarca .....	6 days
(2) scarlatina .....	4 weeks
influenza and bronchitis, 5 days	
ST. LUKE; City Road.	
M. 31, influenza—chronic bronchitis .....	1 week
EAST LONDON; St. Botolph.	
{ diseased lungs .....	*
F. 40, { febrile catarrh .....	5 days
{ irregular living .....	*
M. 68, { diseased heart .....	*
{ febrile catarrh .....	8 days
F. 79, { old age and debility .....	*
{ febrile catarrh .....	4 days
F. 38, { chronic catarrh .....	long standing
{ febrile catarrh .....	5 days
F. 76, { diseased lungs and air tubes .....	long standing
{ febrile catarrh .....	*
F. 4, { bronchitis .....	4 weeks
{ influenza .....	1 week
Cripplegate.	
F. 46, bronchitis, supervening on influenza .....	2 days

WEST LONDON; South.	
M. 1, teething and influenza .....	duration
M. 2 mon., debility and influenza .....	*
F. 58, { hemiplegia (left side) .....	5 years
{ catarrhus epidemicus .....	7 days
F. 2 mon., debility and influenza .....	*
North.	
F. 50, influenza .....	*
CITY OF LONDON; North East.	
M. 73, influenza .....	*
F. 4, influenza—pneumonia .....	4 days
F. 64, chronic bronchitis—emphysema—influenza .....	*
South.	
M. 79, influenza—chronic disease of the chest .....	*
F. 5, { influenza—capillary bronchitis—pneumonia—cerebral exhaustion .....	6 days
South East.	
F. 52, { influenza .....	7 days
{ pneumonia .....	4 days
SHOREDITCH; Hoxton, New Town.	
M. 3, { influenza .....	8 days
{ inflammation of the lungs .....	*
M. 50, asthma—influenza .....	*
M. 57, { phthisis .....	*
{ influenza .....	7 days
Holywell, &c.	
F. 67, disease of the heart—influenza .....	*
F. 6, influenza—laryngitis .....	3 days
Haggerstone, West.	
F. 32, { chronic bronchitis and asthma .....	many years
{ influenza .....	4 days
F. 89, influenza .....	8 days
F. 77, influenza .....	*
M. 81, influenza .....	*
BETHNAL GREEN; The Green.	
M. 63, influenza .....	4 days
F. 35, { influenza .....	7 days
{ pneumonia .....	*
F. 73, influenza—debility .....	*
F. 65, influenza .....	5 days
F. 84, { influenza .....	10 days
{ pneumonia .....	*
The Church.	
M. 65, influenza—pneumonia .....	*
M. 36, { emphysema .....	3 years
{ influenza .....	14 days
{ pneumonia .....	7 days
The Town.	
F. 59, { asthma .....	from birth
{ influenza .....	3 days
Hackney Road.	
M. 63, { asthma .....	7 years
{ influenza .....	5 days
M. 66, influenza—inflammation of the lungs .....	11 days
M. 40, { pneumonia .....	3 weeks
{ influenza .....	11 days
M. 36, { influenza .....	12 days
{ pneumonia .....	4 days
F. 34, { asthma .....	4 years
{ influenza .....	2 weeks
F. 50, { asthma .....	from birth
{ influenza .....	1 week
F. 73, influenza .....	1 week
WHITECHAPEL; Spital Fields.	
F. 73, influenza .....	5 days
F. 76, influenza .....	3 days
Mile End, New Town.	
F. 60, influenza .....	*
North.	
M. 4 months, { influenza .....	2 weeks
{ bronchitis .....	6 days
M. 81, influenza .....	1 month
M. 76, influenza .....	1 week
F. 80, influenza .....	3 weeks
F. 73, influenza .....	1 week
F. 70, influenza .....	1 month
F. 51, influenza .....	3 weeks
F. 63, influenza .....	3 weeks
F. 74, influenza .....	1 month
M. 70, influenza .....	10 days
M. 61, influenza .....	3 weeks
M. 68, influenza .....	1 week
F. 80, influenza .....	5 weeks
F. 78, influenza .....	3 weeks
F. 64, influenza .....	3 weeks
The Church.	
F. 68, { influenza .....	14 days
{ pneumonia .....	*
ST. GEORGE-IN-THE-EAST; St. Paul.	
F. 71, influenza .....	6 days
M. 76, { asthma .....	years
{ influenza .....	12 days
St. Mary.	
M. 31, { influenza .....	8 days
{ pneumonia .....	5 days
M. 70, influenza .....	10 days
M. 50, { influenza .....	7 days
{ subacute bronchitis .....	*
STEPNEY; Limehouse.	
M. 75, influenza .....	14 days
F. 82, chronic catarrh—influenza .....	*
Ratcliff.	
M. 72, influenza .....	*
M. 72, asthma followed by influenza .....	10 days

STEPNEY; Shadwell and Wapping.	
M. 81, old age, and influenza .....	duration
Mile End, Old Town (Upper).	
F. 61, influenza .....	6 days
Mile End, Old Town (Lower).	
M. 67, influenza .....	7 days
F. 65, influenza .....	3 days
M. 64, influenza .....	7 days
POPLAR; Poplar.	
F. 3, influenza—pneumonia .....	8 days
F. 21, { apoplexy .....	7 days
Bow, and Bromley.	
F. 43, influenza .....	*
ST. SAVIOUR; Christ Church.	
M. 90, old age, and influenza .....	*
ST. OLAVE AND ST. THOMAS; St. Olave, &c.	
M. 5 weeks, influenza and exhaustion .....	*
F. 85, asthma—influenza .....	5 years
St. John.	
M. 76, influenza—congestive fever .....	1 week
F. 55, influenza—pneumonia .....	*
BERMONDSEY; The Leather Market.	
M. 2 months, influenza .....	10 days
M. 2, { influenza .....	4 days
{ congenital disease of the heart .....	*
F. 77, { diseased liver .....	several years
{ influenza .....	10 days
St. Mary Magdalen.	
F. 6, { influenza .....	2 weeks
{ pneumonia .....	*
St. James.	
M. 52, { influenza .....	5 days
{ bronchitis .....	4 days
M. 56, { ulceration of the lung .....	4 months
{ influenza .....	14 hours
M. 77, influenza .....	5 days
F. 53, influenza .....	5 days
ST. GEORGE; Kent Road.	
M. 80, influenza .....	*
The Borough Road.	
F. 77, influenza .....	1 week
F. 74, influenza .....	1 week
F. 27, { asthma .....	2 weeks
{ influenza .....	*
F. 72, influenza .....	*
F. 63, influenza .....	*
F. 88, influenza .....	*
The London Road.	
F. 72, influenza .....	*
F. 74, influenza .....	1 week
F. 40, influenza .....	1 week
NEWINGTON; St. Mary.	
F. 69, influenza .....	*
Walworth.	
F. 62, influenza—paralysis .....	*
Trinity.	
M. 64, influenza—typhus .....	*
LAMBETH; Waterloo (second part.)	
M. 9 months, { influenza .....	6 days
{ infantile peritonitis .....	1 day
Kennington (first part.)	
F. 9 months (post mort.), influenza .....	2 days
CAMBERWELL; Peckham.	
F. 90, influenza and old age .....	7 days
St. George.	
F. 64, influenza, and ulcerated sore throat .....	*
ROTHERHITHE; Rotherhithe.	
F. 2, { influenza .....	*
{ bronchitis .....	14 days
GREENWICH; East.	
M. 70, { chronic bronchitis .....	6 months
{ influenza .....	8 days
M. 76, { pleurisy .....	1 year
{ influenza .....	2 weeks
M. 65, { asthma .....	2 years
{ influenza .....	3 days
M. 86, { asthma .....	long standing
{ influenza .....	4 days
M. 72, { stricture of urethra .....	long standing
{ influenza .....	4 days
M. 81, { hemorrhoids—prolapsed ani .....	long standing
{ influenza .....	10 days
M. 68, { gout .....	many years
{ influenza .....	7 days
M. 75, { dyspepsia .....	long standing
{ atrophy .....	4 days
M. 60, { syncope .....	10 years
{ asthma .....	4 days
West.	
F. 67, { chronic bronchitis .....	many years
{ influenza .....	3 days
WANDSWORTH; Clapham.	
F. 33, { influenza .....	*
{ valvular disease of the heart .....	6 months
{ muco-enteritis .....	*

NOTE.—The foregoing List contains a few cases of Influenza complicated with Primary Disease, which were classed in the Abstract under the latter.

METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH,

During the Week ending Saturday, 11th December, 1847.

Day.	Phases of the Moon	Mean height of the Barometer, from 13 Observations, (corrected and reduced to 32 degree Fahrenheit.)	Readings of Thermometers										Difference between the Dew Point Temperature and Air Temperature			WIND						Mean Amount of Cloud, 0-10	Rain in inches, read at 9 o'clock the next morning																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
			Dry			Dew Point	as Highest in the sun, as shown by a self-register- ing Thermometer	Lowest on the grass, as shown by a self-register- ing Thermometer	In the Water of the Thames at Greenwich, by the self- registering Thermometer, read at 9 o'clock next morning		Mean of 12 Days	Greatest	Least	General Direction		Pressure in lbs. on the square foot		Amount of Horizontal Movement of the Air in each day																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
			High- est from 12 Obs.	Low- est from 12 Obs.	Mean from 12 Obs.	Mean from 19 Days			Highest	Lowest				A.M.	P.M.	Greatest	Least		Mean of 12 Obs.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
DECEMBER,		in.	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°

DAY	ELECTRICITY	GENERAL REMARKS
SUN.	Positive and tension moderate at every examination.	The greater part of the sky was covered with cloud till noon. Cloudless during the remainder of the day. Rain was falling very heavily between 3h. 50m. and 5h. a.m. At 6h. 30m., 2h. 45m., and 3h. 20m. a.m. pressures of 9 lbs. on the square foot were shown on the anemometer.
MON.	The apparatus was under repair from 6d. till 7d. 6h.	The sky was cloudless between 5h. and 10h. p.m. Generally overcast at other times. It was squally throughout the day. Many flashes of lightning were seen between 5h. p.m. and midnight. A gale of wind was blowing throughout the day.
TUES.	Nothing was shewn from noon till midnight.	Generally overcast throughout the day. The minimum reading of the barometer took place at 2h. 35m. a.m., and was 28.381 in. It remained at this reading till 2h. 50m. a.m. A gale of wind was blowing throughout the day.
WED.	Positive and tension generally strong from 7h. a.m. till midnight. Nothing was shewn at any other times during the day.	The greater part of the sky was cloudless till 6h. p.m. Overcast during the remainder of the day.
THURS.	Positive and tension weak at 1h. 20m. a.m., and at 7h. 30m. a.m. Negative and tension moderate from 5h. to 6h. a.m. during rain.	Generally overcast throughout the day. Rain was falling till 6h. 30m. a.m.
FRID.	Nothing was shewn throughout the day.	Overcast throughout the day, except at a little before midnight, when it was nearly cloudless. Fine drizzling rain was falling during the morning.
SAT.	Positive and tension occasionally strong from 9h. till midnight.	Overcast till 6h. p.m. Cloudless during the remainder of the day.

REMARKS ON THE WEATHER OF THE FIRST ELEVEN DAYS OF DECEMBER, 1847.—By MR. GLAISHER.

On December 1, there were unusual changes of temperature of the air; the temperature during the preceding night was high, and generally above 50°; towards sun-rise, on the sky becoming free from cloud, it began to decline and continued doing so till very nearly noon, at which time it was 40°; at 1h. p.m. it had increased to 50°, and continued at nearly this point till after 4h. p.m.; it then began to decline, and at midnight it was as low as 38°, and after midnight it declined to 31°. On Tuesday the sky became cloudy, and the temperature increased from 40° at 7h. a.m., to 56° at midnight, it did not decline below 55° during the night. On the 3rd, the sky was clouded throughout the day, the temperature was high and nearly uniform, till after 8h. p.m., between which time and midnight it declined from 53° to 41°. On the 4th the temperature of the air increased till 1h. p.m., at which time it was 50°, and it continued very nearly at this point throughout the remainder of the day; after midnight it declined to 41°. The highest point reached on the 5th was 47°, and this decreased to 37° by 11h. p.m.; after this time the temperature increased rapidly all night, and at 7h. a.m., on the 6th was 53°, and from this time it slowly declined during the day, and at midnight was 41°. The 7th day was cold, and there was but little change of temperature during the day. On the morning of the 8th the temperature was 32°, which increased to 41° by 1h. p.m., and 9th it was 56°5, being 25°2 higher than it was 18h. previously. The period of time between the 9th at 2h. p.m., and the 11th at 2h. p.m., was remarkable both for the high temperature and its uniformity, the extremes between those times being 50° and 54°. After 1h. p.m., on the 11th the temperature declined from 51° to 38° by midnight.

From the preceding remarks it will be seen that the usual uniform rise and fall of temperature during the day has frequently been reversed. The reading of the barometer was high on the 1st and 2nd, during the 3rd it decreased about a quarter of an inch, and on the 4th it further decreased half an inch, on the 5th it was low all day, and on the 6th it was remarkably low, (see the usual Meteorological Report for this week,) and it has continued rather low till the end of the 11th day. The following shews the comparative Meteorology for the first eleven days in December, since the year 1841.

Period from December 1st, to December 11th, both Days inclusive	Years,						Excess in the Year 1847, above that in the Years					Mean Excess
	1842	1843	1844	1845	1846	1847	1842	1843	1844	1845	1846	
Mean Temperature of the Air.....	42°3	44°7	30°7	42°1	34°8	47°3	5°0	2°6	16°6	5°2	12°5	8°4
Mean Temperature of the Dew Point.....	41°2	42°7	26°6	37°8	31°6	43°7	2°5	1°0	17°1	5°9	12°1	7°5
	gr.	gr.	gr.	gr.	gr.	gr.	gr.	gr.	gr.	gr.	gr.	gr.
Mean Amount of Water in a Cubic Foot of Air....	3·2	3·4	2·0	2·9	2·3	3·5	0·3	0·1	1·5	0·6	1·2	0·7

Births and Deaths registered in London,  
During the Week ending Saturday, December 18th, 1847.

ANNUAL SERIES VIII.]					PUBLISHED BY AUTHORITY OF THE REGISTRAR GENERAL					[No. 51.]				
Causes of Death.					Age				Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population 5 Autumns	Causes of Death.				
					0 to 15	15 to 60	60 and upwards	Total						
					0 to 15	15 to 60	60 and upwards	Total						
										Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population 5 Autumns				

DISTRICTS OF LONDON,  
Comprising 135 Registrars' Districts.

	Area in square Miles	Population Enu- merated in 1841	Weekly Average derived from Deaths of 1842-6, and corrected for increase of Population 5 Autumns	DEATHS registered in the Week	BIRTHS registered in the Week
WEST DISTRICTS { Kensington; Chelsea; St. George, Hanover-square; Westminster; St. Martin in the Fields; St. James .....	17.2	300,711	146	273	190
NORTH DISTRICTS { St. Marylebone; St. Pancras; Islington; Hackney; part of Edmonton, viz. Hampstead	20.5	375,971	184	415	262
CENTRAL DISTRICTS { St. Giles and St. George; Strand; Holborn; Clerkenwell; St. Luke; East London; West London; City of London .....	2.8	373,653	196	314	212
EAST DISTRICTS { Shoreditch; Bethnal Green; Whitechapel; St. George in the East; Stepney; Poplar .....	8.8	392,444	232	371	299
SOUTH DISTRICTS { St. Saviour; St. Olave; Bermondsey; St. George, Southwark; Newington; Lambeth; Wandsworth and Clapham; Camberwell; Rotherhithe; Greenwich; Lewisham }	66.2	501,190	288	573	356
TOTALS .....	115.5	*1,948,425	1046	1946	1319

Births and Deaths not caused by Violence, registered in the Metropolis in the last 13 weeks, with the Mean Temperature for the same periods.

	25th Sept.	2nd Oct.	9th Oct.	16th Oct.	23rd Oct.	30th Oct.	6th Nov.	13th Nov.	20th Nov.	27th Nov.	4th Dec.	11th Dec.	18th Dec.
BIRTHS .....	1260	1454	1241	1254	1257	1291	1336	1275	1256	1189	1323	1305	1319
DEATHS (except from Violence) .....	1022	1041	995	940	951	928	1045	1073	1064	1054	2431	2384	1893
Deaths (except from Violence) at 60 yrs. & upwards .....	184	192	193	206	168	167	191	212	181	383	722	697	562
Influenza .....	..	2	1	..	..	1	2	4	4	36	198	374	270
Typhus .....	77	79	79	93	78	73	80	68	86	87	132	136	131
Purpura .....	1	..	3	1	1	2	..	..	..	2	3	1	2
Mean Temperature .....	56.1	54.7	53.0	54.8	53.5	49.8	50.5	49.8	40.7	46.5	47.9	46.7	48.0

RETURN of DEATHS, in the Weeks ending

Population, 1841.		Nov. 13th	Nov. 20th	Nov. 27th	Dec. 4th	Dec. 11th	Dec. 18th
1,948,425*	London .....	1098	1086	1677	2454	2416	1946
300,711	West Districts .....	173	180	179	300	332	273
375,971	North Districts .....	215	167	267	422	482	415
373,653	Central Districts .....	210	205	319	530	458	314
392,444	East Districts .....	221	262	504	602	463	371
501,190	South Districts .....	279	272	408	600	681	573
74,779	Kensington .....	46	47	43	61	91	57
40,179	Chelsea .....	26	22	31	39	57	52
66,352	St. George, Hanover-sq. ....	23	36	32	44	56	44
56,712	Westminster .....	44	43	43	99	66	71
25,091	St. Martin-in-the Fields .....	17	18	11	27	25	15
37,398	St. James, Westminster .....	17	14	19	30	37	34
138,164	Marylebone .....	80	52	103	141	155	156
139,856	Pancras with Hampstead .....	88	73	94	164	210	150
55,690	Islington .....	34	28	40	80	74	73
42,261	Hackney .....	13	14	30	87	43	36
54,292	St. Giles and St. George .....	25	28	49	49	64	61
43,598	Strand .....	23	19	35	44	37	32
44,461	Holborn .....	34	30	28	93	56	47
56,756	Clerkenwell .....	39	33	42	77	75	47

RETURN of DEATHS, in the Weeks ending

Population, 1841.		Nov. 13th	Nov. 20th	Nov. 27th	Dec. 4th	Dec. 11th	Dec. 18th
49,829	St. Luke .....	30	25	35	68	52	26
39,655	East London .....	26	29	51	75	48	26
29,142	West London .....	17	21	39	64	61	40
55,920	City of London .....	16	20	40	60	65	35
83,432	Shoreditch .....	36	50	85	111	118	94
74,088	Bethnal Green .....	33	43	103	124	90	78
71,765	Whitechapel .....	69	53	113	134	88	78
41,350	St. George in the East .....	23	37	84	82	54	43
90,687	Stepney .....	41	56	98	115	88	54
31,122	Poplar .....	19	18	21	36	25	24
32,975	St. Saviour .....	24	24	28	57	60	43
18,479	St. Olave .....	14	21	37	39	38	21
34,947	Bermondsey .....	22	33	35	49	66	36
46,644	St. George, Southwark .....	43	30	55	65	64	66
54,606	Newington .....	33	26	40	66	92	65
115,888	Lambeth .....	52	63	83	117	135	128
39,868	Camberwell .....	10	12	30	52	51	38
13,917	Rotherhithe .....	8	8	19	32	24	12
80,997	Greenwich .....	55	34	59	98	105	112
39,855	Wandsworth .....	7	13	16	19	81	82
23,014	Lewisham .....	11	8	6	6	15	20

\* Includes 1366 Men on River, and 3090 Police on Duty.

DEATHS registered in LONDON, in corresponding series of weeks of eight years:—

No. of week.	45	46	47	48	49	50	51	Average of 7 weeks
1840	910	922	887	1112	1084	1081	1166	1023
1841	841	827	918	877	797	821	822	843
1842	956	911	880	909	840	991	858	906
1843	1043	1257	1215	1114	1014	994	995	1090
1844	1002	1085	927	1088	1001	1214	1406	1103
1845	955	952	920	974	973	981	973	961
1846	953	930	980	958	1064	1177	1276	1049
Average of 7 yrs	952	983	961	1005	963	1037	1071	996
1847	1052	1098	1086	1677	2454	2416	1946	1676

The mortality of Wandsworth and Clapham, and that of Lewisham and sub-district of Hampstead, are included in this table throughout the eight years.

ERRATUM in last Return.—In fiftieth week of Years 1842, 1843, for 994; 99, read respectively 991; 994.

DEATHS from Purpura or from Scurvy in LONDON;—

YEARS	Quarters of 13 weeks each, ending in				Total in the Year
	March	June	Sept.	Dec.	
1842	3	5	4	4	16
1843	2	1	6	4	13
1844	5	3	7	6	21
1845	2	4	11	8	25
1846	5	9	9	5	28
1847	16	25	20		

DEATHS BY INFLUENZA, REGISTERED IN THE PREVIOUS WEEK (No. 50) ending Dec. 11th.

PADDINGTON; St. John.	duration	CHELSEA; South.	duration	WESTMINSTER; St. John (continued).—	duration
M. 63, influenza—bronchitis .....	7 days	F. 56, { phthisis .....	about 3 years	M. 71, { effusion on the lungs—had been suf- fering apparently from influenza } 3or4 days (no medical attendant).	
M. 34, { influenza .....	4 days	F. 73, chronic bronchitis—	7 days	M. 75, { influenza .....	15 days
F. 1, { old age .....		North-west.		M. 75, { bronchitis .....	7 days
F. 1, { hooping cough .....	2 months	M. 76, influenza .....	3 days	F. 54, { influenza .....	14 days
F. 1, { influenza with disease of the lungs .....	3 weeks	M. 1, influenza .....	8 days	M. 41, { bronchitis .....	8 days
F. 1, { hooping cough .....	2 months	North East.		M. 41, { primary disease (unknown) .....	some weeks
F. 39, { influenza with diseased lungs .....	3 weeks	F. about 65, { influenza and inflammation of } 10 days the lungs		M. 41, { influenza .....	14 days
F. 39, { puerperal fever .....	1 month	F. 47, influenza .....	7 days	M. 6 months, { typhus .....	6 days
F. 39, { influenza .....	2 days	St. GEORGE, HANOVER SQUARE; May Fair.		M. 6 months, { influenza .....	14 days
St. Mary.		M. 56, influenza .....	*	M. 6 months, { pneumonia .....	10 days
M. 2, { influenza .....	*	M. 3 months, influenza .....	*	St. Margaret.	
M. 2, { fever .....	3 weeks	F. 57, chronic bronchitis—	1 week	M. 37, delirium tremens following influenza ..	11 hours
KENSINGTON; Fulham.		F. 64, { influenza .....	14 days	F. 66, influenza .....	*
M. 1, influenza .....	10 days	F. 64, { acute rheumatism .....	4 days	M. 34, influenza—exhaustion .....	3 days
F. 92, influenza .....	2 days	F. 35, tubercular disease of the lungs—	6 days	M. 63, { influenza with acute pleuritis, and bronchitis .....	3 weeks
Town.		F. 74, influenza—phuritis .....	*	F. 34, consumption—influenza .....	*
M. 60, influenza .....	*	F. 61, influenza—debility .....	*	F. under 1, influenza—pneumonia .....	9 days
Brookton.		WESTMINSTER; St. John.		St. MARTIN-IN-THE-FIELDS; Charing Cross.	
F. 43, { influenza .....	4 days	M. 48, { influenza .....	1 week	M. 36, influenza—bronchitis .....	10 days
F. 70, { phthisis pulmonalis .....	several years	M. 48, { effusion on the lungs .....	*	Long Acre.	
F. 70, { influenza .....	14 days			F. 62, { influenza .....	14 days
F. 16, scarlet fever—influenza .....	*			F. 62, { bronchitis .....	6 days

DEATHS BY INFLUENZA, REGISTERED IN THE PREVIOUS WEEK (No. 50), ending Dec. 11th—(continued).

St. JAMES'; Golden Square.		duration
F. 67, { influenza	10 days	
F. 67, { bronchitis	10 days	
F. 53, { influenza	10 day	
F. 53, { bronchitis	5 days	
St. James' Square.		
M. 72, influenza	*	
F. 78, influenza, superseding disease of heart	*	
St. MARLEBONE; All Souls.		
M. 61, influenza	9 days	
M. 92, influenza	*	
M. 55, { asthma	10 years	
M. 55, { influenza	7 days	
F. 5 weeks, { influenza	4 days	
F. 5 weeks, { pneumonia	2 days	
F. 63, influenza	14 days	
Cavendish Square.		
M. 53, { influenza	13 days	
M. 53, { diarrhoea	1 week	
F. 77, influenza	*	
The Rectory.		
M. 79, influenza—bronchitis	*	
M. 43, influenza—bronchitis	*	
M. 63, influenza—bronchitis	*	
M. 64, influenza	*	
F. 85, influenza—typhus	3 weeks	
F. 67, influenza	1 week	
F. 82, influenza	1 week	
M. 73, influenza—bronchitis	*	
M. 72, influenza—bronchitis	*	
M. 60, influenza—bronchitis	*	
M. 30, influenza—bronchitis	*	
M. 28, influenza—bronchitis	*	
F. 1, influenza	4 days	
F. 75, influenza—bronchitis	*	
F. 60, influenza—bronchitis	*	
F. 84, influenza—bronchitis	*	
F. 60, influenza—paralysis	*	
F. 68, influenza—bronchitis	*	
F. 77, influenza—bronchitis	*	
St. Mary.		
M. 68, influenza—bronchitis	*	
Christ Church.		
M. 1, influenza	7 days	
F. 86, influenza	14 days	
F. 62, { chronic bronchitis	4 years	
F. 62, { influenza	14 days	
F. 63, { disease of the heart	many years	
F. 63, { influenza	12 days	
M. 65, { paralysis	2 years	
M. 65, { influenza	7 days	
F. 83, influenza	9 days	
St. John's.		
M. 2, influenza	6 days	
F. 79, influenza	2 weeks	
M. 52, influenza	*	
M. 48, influenza	*	
M. 62, phthisis—influenza	*	
St. PANCRA'S; Tottenham.		
M. 50, influenza	3 weeks	
F. 78, influenza and decay of nature	*	
F. 11 months, { influenza	7 days	
F. 11 months, { hydrocephalus	7 days	
F. 70, affection of the chest, from influence of the epidemic on a worn-out constitution	10 days	
EDMONTON; Hampstead.		
M. 11 months, influenza	*	
F. 77, influenza with bronchitis	10 days	
St. PANCRA'S; Gray's Inn Lane.		
M. 51, influenza	1 day	
M. 51, { inflammation of lungs	2 days	
M. 83, bronchitis—influenza	5 days	
F. 52, influenza—pneumonia typhoides	6 days	
F. 67, hydrothorax—influenza	3 weeks	
F. 1, influenza	*	
F. 77, { cancer	3 years	
F. 77, { influenza	7 days	
F. 78, influenza	7 days	
F. 53, { influenza	14 days	
F. 53, { inflammation of bowels	6 days	
Somers Town.		
F. 1, influenza	14 days	
Camden Town.		
M. 21, { influenza	3 days	
M. 21, { bronchitis	2 days	
M. 1, inflammation of the lungs—influenza	3 weeks	
M. 32, influenza—bronchitis	5 days	
F. 76, asthma—influenza	*	
F. 51, influenza; spasms and venous inflammation	a few days	
Regent's Park.		
F. 73, bronchitis—influenza	4 days	
F. 81, { influenza	6 days	
F. 81, { bronchitis	4 days	
F. 91, { influenza	9 days	
F. 91, { catarrh	*	
Kentish Town.		
M. 81, influenza	8 days	
F. 58, { influenza	7 days	
F. 58, { bronchitis	*	
F. 84, influenza—bronchitis	*	
ISLINGTON; West.		
M. 2, influenza	*	
M. 10 weeks, influenza	*	
M. 73, { influenza	5 days	
M. 73, { decay	*	
F. 57, influenza	8 days	
F. 3, influenza	*	
F. 30, { peritonitis following parturition—typhus 28 hours		
F. 79, influenza	*	
F. 33, influenza—pneumonia	1 week	
F. 33, { influenza	4 days	
F. 23, { congestion of lungs	3 days	
F. 23, { low fever	7 days	
F. 57, influenza	*	
F. 2, { febris typhoides	*	
F. 2, { influenza	7 days	

ISLINGTON; East.		duration
M. 1, { influenza	7 days	
M. 1, { bronchitis	4 days	
F. 74, { chronic bronchitis	*	
F. 74, { influenza, epidemic	*	
F. 2, { influenza	7 days	
F. 2, { pneumonia	3 days	
F. 80, influenza	10 days	
F. 1, { influenza	2 weeks	
F. 1, { bronchitis	*	
F. 92, influenza	4 days	
F. 86, { influenza supervening on disease of	a few days	
F. 86, { bronchial membrane	6 or 7 years	
F. 21, influenza—congestive bronchitis	1 week	
HACKNEY; Hackney.		
M. 63, { paralysis	5 years	
M. 63, { influenza	7 days	
M. 41, influenza—phthisis	*	
F. 57, influenza—bronchitis	5 days	
F. 8 weeks, influenza	4 days	
F. 22, catarrhal fever	3 weeks	
F. 53, influenza	4 days	
F. 84, influenza—fever	*	
Stamford Hill		
F. 71, influenza	7 days	
South Hackney.		
F. 5 weeks, influenza	6 days	
F. 88, influenza	14 days	
West Hackney.		
M. 80, influenza, bronchitis	4 days	
M. 2, influenza—bronchitis	10 days	
F. 68, influenza—congestive bronchitis	14 days	
F. 22, influenza—typhoid pneumonia	1 week	
F. 56, influenza—congestive bronchitis	10 days	
F. 2, influenza—pneumonia	4 days	
Stoke Newington.		
F. 9 months, { influenza	10 days	
F. 9 months, { pneumonia	6 days	
St. GILES; South.		
M. 48, influenza	8 days	
F. 60, influenza	8 days	
M. 40, catarrhus epidemics	4 days	
North.		
M. 12, { influenza	13 days	
M. 12, { bronchitis	4 days	
M. 73, { debility	some months	
M. 73, { influenza	6 days	
M. 77, influenza	7 days	
St. George, Bloomsbury.		
M. 74, influenza—advanced age and general debility	*	
M. 87, influenza	1 week	
M. 72, { asthma	some years	
M. 72, { influenza	4 or 5 days	
F. 47, influenza	12 days	
STRAND; St. Clement Danes.		
M. 42, bronchitis—influenza	*	
F. 2, { mesenteric disease	many months	
F. 2, { influenza	*	
St. Anne.		
M. 12, influenza	7 days	
M. 50, influenza	*	
F. 3, { hooping cough	6 weeks	
F. 3, { influenza	8 days	
F. 48, supposed influenza (no medical attendant)	*	
HOLBORN; St. George, the Martyr.		
M. 63, influenza	5 days	
M. 47, influenza—bronchitis	*	
F. 39, { influenza	7 days	
F. 39, { pneumonia	*	
F. 70, influenza	7 days	
St. Andrew, East.		
F. 2, influenza	10 days	
F. 56, influenza	5 days	
CLERKENWELL; Pentonville.		
M. 8 months, influenza	3 weeks	
M. 49, influenza—pneumonia	14 days	
F. 80, influenza—effusion of the chest	5 days	
Anwell.		
F. 72, influenza	7 days	
Goswell-street.		
F. 60, influenza—chronic bronchitis	1 week	
F. 59, bronchial influenza	1 month	
F. 50, influenza—bronchitis	5 months	
St. James.		
M. 73, age with influenza	*	
M. 72, asthma with influenza	*	
M. 69, influenza—bronchitis	*	
F. 79, congestion of the brain, with influenza	*	
F. 78, age with influenza	*	
F. 72, bronchitis acutus, from influenza	9 days	
F. 58, influenza	8 days	
M. 81, influenza—bronchitis	2 days	
F. 13, { ossification of mitral valves	6 years	
F. 13, { influenza—bronchitis	6 days	
F. 44, influenza	*	
(1)		
Sisters in the same house		15 years
last attack		10 days
(2)		
51, influenza—bronchitis		14 days
St. LUKE; Finsbury.		
M. 57, influenza	*	
F. 83, influenza	*	
F. 78, influenza	1 week	
F. 55, { asthma	*	
F. 55, { influenza	about a week	
Whitecross Street.		
F. 70, influenza—bronchitis	8 days	
F. 51, { influenza	14 days	
F. 51, { effusion	3 days	
F. 9 weeks, influenza	*	
F. 9 weeks, influenza	*	

St. LUKE's; Old Street.		duration
M. 65, influenza—chronic bronchitis	*	
F. 8, influenza—infantile fever, with acute pleurisy	*	
F. 51, influenza	10 days	
City Road.		
F. 71, influenza—general debility—nervous exhaustion	*	
EAST LONDON; St. Botolph.		
F. 37, { chronic disease of lungs	*	
F. 37, { febrile catarrh	8 days	
Cripplegate.		
F. 54, { albuminuria	about 3 years	
F. 54, { influenza—coma—convulsions	5 days	
F. 70, { asthma	some years	
F. 70, { influenza	14 days	
West London, South.		
M. 61, influenza	3 days	
M. 32, influenza	12 days	
F. 32, influenza	7 days	
F. 3, influenza	10 days	
F. 56, bronchitis—influenza	*	
CITY OF LONDON; North East.		
M. 74, influenza	9 days	
F. 58, influenza—bronchitis—fever	9 days	
F. 72, { influenza	12 days	
F. 72, { pneumonia	9 days	
North West.		
F. 68, influenza	7 days	
F. 86, old age—influenza	1 month	
South West.		
M. 45, influenza—pneumonia	*	
M. 45, { asthma	5 or 6 years	
M. 50, { influenza	1 week	
M. 50, { acute bronchitis	2 days	
South.		
M. 70, { prostration from influenza	9 days	
M. 70, { partial paralysis of one side	6 or 7 years	
M. 49, delirium tremens—influenza	4 days	
F. 64, influenza	14 days	
F. 56, influenza—inflammation of the throat and lungs	7 days	
F. 70, { influenza	5 days	
F. 70, { affection of the heart	6 years	
F. 62, influenza, supervening on old pulmonary disease	8 days	
South East.		
M. 64, influenza	10 days	
SHOREDITCH; Hoxton, New Town.		
F. 70, { influenza	6 days	
F. 70, { pneumonia	*	
F. 77, influenza	2 weeks	
Hoxton, Old Town.		
M. 1, influenza	1 month	
M. 55, gout—influenza	1 week	
St. Leonard's.		
M. 59, { influenza	*	
M. 59, { bronchitis	5 days	
M. 37, { influenza	3 months	
M. 37, { phthisis pulmonalis	15 months	
M. 73, { asthma	8 years	
M. 73, { influenza	8 days	
F. 58, influenza—pneumonia	7 days	
Haggerstone, East.		
M. 42, { influenza	*	
M. 42, { bronchitis	14 days	
F. 58, { chronic bronchitis—asthma	many years	
F. 58, { influenza—bronchitis	12 days	
F. 58, { dilatation of ventricles	*	
Haggerstone, West.		
M. 52, influenza	*	
F. 80, influenza	*	
M. 73, { influenza	3 weeks	
M. 73, { bronchitis	*	
M. 78, { typhoid fever	3 days	
M. 78, { influenza	4 days	
F. 71, { typhoid fever	4 days	
F. 71, { influenza	3 days	
BETHNAL GREEN; The Green.		
F. 50, { chronic hepatitis	*	
F. 50, { influenza	3 days	
F. 70, influenza	11 days	
F. 50, { influenza	13 days	
F. 50, { pneumonia	6 days	
The Church.		
M. 56, influenza, with typhoid fever—congestion of the brain, and partial paralysis	*	
M. under 1, influenza	3 days	
M. 58, influenza	3 weeks	
M. 73, { influenza	8 days	
M. 73, { pneumonia	5 days	
M. 77, influenza	*	
F. 68, influenza	5 days	
The Town.		
M. 8 months, { influenza	8 days	
M. 8 months, { pneumonia	40 hours	
F. 38, { influenza	8 days	
F. 38, { pneumonia	*	
Hackney Road.		
M. 1, { pneumonia	4 weeks	
M. 1, { influenza	2 weeks	
M. 4, pneumonia—influenza	2 weeks	
M. 4, pneumonia—influenza	2 weeks	
F. 40, influenza	11 days	
F. 60, { asthma and dropsy	10 years	
F. 60, { influenza	1 month	
F. 77, { chronic pneumonia	3 years	
F. 77, { influenza	10 days	
F. 5, influenza and pneumonia	12 days	
F. 3 months, { marasmus	from birth	
F. 3 months, { influenza	2 weeks	
WHITECHAPEL; Spital Fields.		
F. 73, { pneumonia	long standing	
F. 73, { influenza	*	

METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH,

During the Week ending Saturday, 18th December, 1847.

Day.	Phase of the Moon	Mean height of the Barometer, from 12 Observations, (corrected and reduced to 32 degrees Fahrenheit.)	Readings of Thermometers										Difference between the Dew Point Temperature and Air Temperature			Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 25 years	WIND						Mean Amount of Cloud, 0-10	Rain in inches, read at 6 o'clock the next morning
			Dry			Dew Point	Highest in the sun, as shown by a self-registering Thermometer	Lowest on the grass, as shown by a self-registering Thermometer	In the Water of the Thames at Greenwich, by the self-registering Thermometer, read at 9 o'clock next morning		Mean of 12 Days	Greatest	Least	General Direction			Pressure in lbs. on the square foot		Amount of Horizontal Movement of the Air in each day					
			Highest from 12 Obs.	Lowest from 12 Obs.	Mean from 12 Obs.				Rifts	Mean from 12				Highest	Lowest		A.M.	P.M.		Greatest	Least	Mean of 12 Obs.		
1847		in.	o	o	o	o	—	o	o	o	o	o	o	o	o	S.	S.	lbs.	lbs.	lbs.	Miles			
SUN.	12							34°	44°5	44°0	2°3	3°6	0°7	+ 5°6		S.		0°0	0°0	0°0	220	6°0	0°00	
MON.	13		29°913	52°0	43°1	46°0	43°7	—	33°9	44°0	44°0	2°3	3°6	0°7	+ 5°6	S.	S.	0°0	0°0	0°0	45	6°3	0°00	
TUES.	14		29°944	50°5	42°3	44°8	42°6	—	34°6	44°8	44°0	2°2	5°8	0°9	+ 5°1	S.	S.	0°0	0°0	0°0	120	5°1	0°00	
WED.	15	First Quarter in Equator.	29°892	51°8	41°0	47°2	44°6	—	44°1	44°8	44°5	2°6	5°0	0°9	+ 7°4	S.	S.	2°0	0°0	0°6	225	4°3	0°00	
THU.	16		29°763	53°0	48°2	49°8	46°4	—	41°5	44°8	44°5	3°4	5°2	2°5	+ 10°2	S.	S.S.W.	2°0	0°0	1°1	180	8°0	0°01	
FRI.	17		29°640	54°5	49°0	51°5	48°3	—	45°0	45°5	45°0	3°2	6°8	0°8	+ 11°7	S.W.	S.	5°0	0°0	2°0	360	9°7	0°01	
SAT.	18	Perigee	29°360	53°8	40°1	48°5	45°8	—	27°0	45°8	45°5	2°7	6°2	0°6	+ 7°5	S.	S.S.E. and W.S.W.	4°5	0°0	1°5	135	9°8	0°07	
MEANS			29°752	52°6	43°9	48°0	45°2	—	37°1	44°9	44°5	2°7	5°4	1°1	+ 7°9	S.					Sum 1285	7°0	Sum 0°09	

DAY	ELECTRICITY	GENERAL REMARKS
SUN.		The sky was occasionally cloudless till 4h. p.m. At other times it was mostly covered with cirrostratus, badly formed cumuli, and fleecy clouds.
MON.		The mean reading of a thermometer placed on the mainmast of the Dreadnought, and read each day at 6h. 30m. a.m., was 48°·9; and the mean reading at 7h. 30m. p.m. was 49°·3; the mean readings at the Royal Observatory for the same times were 47°·7 and 47°·5 respectively.
TUES.		Cloudless till 3h. a.m., and from 11h. a.m. till 4h. p.m. Generally overcast at other times.
WED.	Weak positive Electricity was shown at different times, on every day throughout this week.	Overcast till 11h. a.m. Generally cloudless during the remainder of the day.
THURS.		Cloudless till noon. Generally overcast during the remainder of the day. Slight rain was falling from 9h. till midnight.
FRI.		The sky was about one-half covered with cloud from 1h. p.m. till 10h. p.m. At other times it was overcast.
SAT.		Generally overcast throughout the day. Thin rain was falling at intervals. The magnets were very much disturbed throughout the day. The wind blew strongly nearly throughout the day.
		Overcast throughout the day. Slight rain was falling during most of the day. At 7h. 30m. p.m. the minimum reading of the barometer took place, being 29.224 in. It then began to rise, and at midnight the reading was 29.304 in.

REMARKS ON THE WEATHER DURING THE WEEK ENDING DECEMBER 18.—By Mr. GLAISHER.

On Sunday, December 12, the temperature of the air early in the morning was 35°, which increased to 51°·5 during the day, and decreased to 42° by midnight. On Monday the temperature of the air was 40° in the morning; it was 52° at 1h. p.m.; it was 47° at 3h. p.m.; it was 43° at 5h. p.m., and continued at this value throughout the following night. On Tuesday it had increased to 46° only by 1h. a.m.; at 1h. p.m. it was 50°; at 3h. p.m. it was 47°; at 5h. p.m. it was 43°; and remained at about this reading till midnight, after which time it decreased to 37°·5. On Wednesday, December 15, at 1h. p.m., the temperature of the air was 51°·4, and from this time till Saturday morning, December 18, at 7h. a.m., the temperature of the air was remarkable both for its very high value and its uniformity; the extreme difference between these times was 6° only, and the extreme thermometrical readings were 48° and 54°; but the durations of these extreme readings were very short. On Saturday, after 7h. a.m., the temperature declined all day, and was at 40° at midnight; it further decreased to 30° on Sunday morning, being 23°·5 less than it was at the same time the previous day. It will, therefore be seen, that the usual diurnal rise and fall of temperature has only taken place on one day during this week, viz., on Sunday, December 12. The temperature throughout the week has been greatly above its average for the season.

The temperature of the dew point has been about 3° below that of the air throughout the week; but it has frequently happened that the largest differences between these temperatures have occurred during the evening or night hours, and not during those of the day.

The amount of water mixed with the air has been unusually large. The following are the average weights each day contained within a cubic foot of air:—Sunday, 3·5 gr.; Monday, 3·5 gr.; Tuesday, 3·4 gr.; Wednesday, 3·6 gr.; Thursday, 3·7 gr.; Friday, 3·9 gr.; and Saturday, 3·3 gr.; but during the morning hours of Saturday, there were above 4 grains in the same mass of air.

The whole mass of air this week has passed over from the S.; and during Friday and Saturday its velocity was such as almost to amount to a gale.

On Sunday the reading of the barometer increased during the day; and it was moderately high during Monday, Tuesday, and Wednesday. On Thursday it decreased by above one-tenth of an inch; on Friday it further decreased two-tenths of an inch; and on Saturday it still further decreased four-tenths of an inch, and its reading was rather low. (See the usual Meteorological return for this week).

The following table shows the comparative Meteorology of each year since 1841.

1847.	In the Years,						Excess in the Year 1847, above that in the Years					Mean Excess in the Year 1847
Week ending December 18.	1842	1843	1844	1845	1846	1847	1842	1843	1844	1845	1846	
Temperature of the Air .....	49·8	41·3	33·1	41·9	28·0	48·0	-1·8	+6·7	+14·9	+6·1	+20·0	9·2
Temperature of the Dew Point .....	47·4	40·0	30·8	38·3	24·5	45·1	-2·3	+5·1	+14·3	+6·8	+20·6	8·9
Mean Amount of Water in a Cubic Foot of Air.....	3·9	3·1	2·3	2·9	1·8	3·6	-0·3	+0·5	+1·3	+0·7	+1·8	0·8

# Births and Deaths registered in London,

During the Week ending Saturday, December 25th, 1847.

ANNUAL SERIES VIII.]

PUBLISHED BY AUTHORITY OF THE REGISTRAR GENERAL.

[No. 52.]

Causes of Death.	Age			Total	Weekly Averages derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population 5 Autumns	Causes of Death.	Age			Total	Weekly Average derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population 5 Autumns
	0 to 15	15 to 60	60 and upwards				0 to 15	15 to 60	60 and upwards		
ALL CAUSES.....	574	391	281	*1247	1046	IV.—Laryngitis .....	5	4	1	10	2
SPECIFIED CAUSES .....	574	391	281	*1247	1039	Quinsey .....	2	..	..	2	2
I.—Zymotic Diseases .....	219	93	77	389	211	Bronchitis .....	37	25	45	107	39
SPORADIC DISEASES—						Pleurisy .....	2	..	..	2	3
II.—Dropsy, Cancer, and other Diseases of uncertain or variable Seat .....	64	22	21	107	104	Pneumonia .....	107	13	11	131	109
III.—Diseases of the Brain, Spinal Marrow, Nerves and Senses ..	68	35	22	125	157	Hydrothorax .....	1	3	1	5	5
IV.—Diseases of the Lungs, and of the other Organs of Respiration ..	171	147	72	*391	333	Asthma .....	..	7	7	14	24
V.—Diseases of the Heart and Blood-vessels .....	1	16	7	24	34	Phthisis (or Consump- tion) .....	16	87	7	*111	134
VI.—Diseases of the Stomach, Liver, and other Organs of Digestion ..	35	17	10	62	74	Disease of Lungs, &c. ....	3	6	..	9	16
VII.—Diseases of the Kidneys, &c. ....	3	8	..	11	9	V.—Pericarditis.....	..	1	..	1	2
VIII.—Childbirth, Diseases of the Uterus, &c. ....	..	14	..	14	14	Aneurism .....	..	1	..	1	1
IX.—Rheumatism, Diseases of the Bones, Joints, &c. ....	1	3	1	5	7	Disease of Heart, &c. ....	1	14	7	22	31
X.—Diseases of the Skin, Cellular Tissue, &c. ....	..	3	2	5	2	VI.—Teething.....	7	..	..	7	14
XI.—Old Age .....	..	..	59	59	65	Gastritis .....	1	..	1	2	15
XII.—Violence, Privation, Cold and Intemperance .....	12	33	10	55	29	Enteritis .....	3	1	1	5	3
I.—Small Pox .....	13	5	..	18	15	Peritonitis .....	..	1	..	1	10
Measles .....	37	..	..	37	36	Tabes Mesenterica.....	18	..	..	18	1
Scarlatina .....	39	2	..	41	44	Worms .....	..	..	..	..	2
Whooping Cough .....	28	..	..	28	32	Ascites .....	..	1	1	2	2
Croup .....	8	..	..	8	8	Ulceration (of Intestines, &c.).....	2	..	..	2	2
Thrush .....	2	..	..	2	5	Hernia .....	..	1	..	1	2
Diarrhoea .....	6	4	..	10	17	Colic or Ileus .....	1	..	2	3	1
Dysentery .....	2	2	..	4	4	Intussusception .....	..	..	..	..	1
Cholera .....	1	..	..	1	1	Stricture (of the Intestinal Canal) .....	..	..	1	1	1
Influenza .....	37	41	64	142	3	Hæmatemesis.....	..	..	..	..	1
Ague .....	1	..	..	1	1	Disease of Stomach, &c. ....	1	..	1	2	6
Remittent Fever.....	2	..	..	2	1	Disease of Pancreas .....	..	1	..	1	1
Typhus .....	38	35	10	83	36	Hepatitis .....	1	2	..	3	3
Erysipelas .....	5	4	3	12	7	Jaundice .....	1	1	..	2	2
Syphilis .....	..	..	..	..	2	Disease of Liver, &c. ....	..	9	2	11	10
Hydrophobia .....	..	..	..	..	..	Disease of Spleen.....	..	..	1	1	2
II.—Hæmorrhage .....	1	1	..	2	3	VII.—Nephritis.....	..	1	..	1	5
Dropsy .....	..	1	1	2	24	Ischuria .....	..	..	..	..	1
Abscess .....	1	1	..	2	2	Diabetes .....	1	..	..	1	1
Noma .....	..	..	..	..	1	Cystitis .....	..	1	..	1	4
Mortification .....	1	..	1	2	4	Stone .....	..	..	..	..	1
Purpura .....	..	1	..	1	4	Stricture (of the Urethra) ..	..	..	..	..	1
Scrofula .....	6	3	..	9	4	Disease of Kidneys, &c. ....	2	6	..	8	6
Cancer .....	1	11	8	20	14	VIII.—Childbirth .....	..	12	..	12	9
Tumour .....	1	..	..	1	5	Paramenia .....	..	1	..	1	3
Gout .....	..	..	..	..	1	Ovarian Dropsy .....	..	..	..	..	1
Atrophy .....	22	..	3	25	14	Disease of Uterus, &c. ....	..	1	..	1	3
Debility .....	26	..	..	26	22	IX.—Arthritis .....	..	..	..	..	1
Malformations .....	1	..	..	1	3	Rheumatism .....	..	1	1	2	4
Sudden Deaths (including Coroners' Inquests, in which it is not shewn from what diseases or causes the persons died.)	4	4	8	16	13	Disease of Joints, &c. ....	1	2	..	3	4
III.—Cephalitis .....	6	2	..	8	12	X.—Carbuncle .....	..	1	..	1	2
Hydrocephalus .....	28	..	..	28	32	Phlegmon .....	..	..	..	..	2
Apoplexy .....	1	9	4	14	23	Ulcer .....	..	1	2	3	8
Paralysis.....	..	7	10	17	19	Fistula.....	..	1	..	1	4
Convulsions .....	29	1	1	31	51	Disease of Skin, &c.....	..	..	..	..	8
Tetanus .....	..	1	..	1	4	XI.—Old Age .....	..	..	59	59	65
Chorea .....	..	..	..	..	1	XII.—Intemperance .....	..	..	1	1	1
Epilepsy .....	..	4	1	5	5	Privation.....	..	1	..	1	7
Insanity .....	..	2	1	3	2	Violent Deaths .....	12	32	9	53	28
Delirium Tremens.....	..	3	..	3	2	Causes not Specified.....	..	..	..	..	7
Disease of Brain, &c. ....	4	6	5	15	11						

Weekly Average derived from Deaths of 1842-3-4-5-6, and corrected for increase of Population		Deaths registered in the Week		Births registered in the Week	
Males .....	528	Males .....	620	Males .....	584
Females .....	518	Females .....	627	Females .....	613
Total 1046		Total 1247		Total 1197	

\* The age of one person whose death is ascribed to phthisis, is not stated.

DISTRICTS OF LONDON,  
Comprising 135 Registrars' Districts.

	Area in square Miles	Population Enume- rated in 1841	Weekly Average derived from Deaths of 1842-6, and corrected for increase of Population 5 Autumns	DEATHS registered in the Week	BIRTHS registered in the Week
WEST DISTRICTS { Kensington; Chelsea; St. George, Hanover-square; Westminster; St. Martin in the Fields; St. James .....	17.2	300,711	146	188	169
NORTH DISTRICTS { St. Marylebone; St. Pancras; Islington; Hackney; part of Edmonton, viz. Hampstead	20.5	375,971	184	260	255
CENTRAL DISTRICTS { St. Giles and St. George; Strand; Holborn; Clerkenwell; St. Luke; East London; West London; City of London .....	2.8	373,653	196	195	225
EAST DISTRICTS { Shoreditch; Bethnal Green; Whitechapel; St. George in the East; Stepney; Poplar .....	8.8	392,444	232	240	212
SOUTH DISTRICTS { St. Saviour; St. Olave; Bermondsey; St. George, Southwark; Newington; Lambeth; Wandsworth and Clapham; Camberwell; Rotherhithe; Greenwich; Lewisham	66.2	501,190	288	364	336
TOTALS .....	115.5	*1,948,425	1046	1247	1197

Births and Deaths not caused by Violence, registered in the Metropolis in the last 13 weeks, with the Mean Temperature for the same periods.

	2nd Oct.	9th Oct.	16th Oct.	23rd Oct.	30th Oct.	6th Nov.	13th Nov.	20th Nov.	27th Nov.	4th Dec.	11th Dec.	18th Dec.	25th Dec.
BIRTHS .....	1454	1241	1254	1257	1291	1336	1275	1256	1189	1323	1305	1319	1197
DEATHS (except from Violence) .....	1041	995	940	951	928	1045	1073	1064	1054	2431	2384	1893	1194
Deaths (except from Violence) at 60 yrs. & upwards	192	193	206	168	167	191	212	181	383	722	697	562	72
Influenza .....	2	1	..	..	1	2	4	4	36	198	374	270	142
Typhus .....	79	79	93	78	73	80	68	86	87	132	136	131	83
Purpura .....	..	3	1	1	2	..	..	..	2	3	1	2	1
Mean Temperature .....	51.7	53.0	54.8	53.5	49.8	50.5	49.8	40.7	46.5	47.9	46.7	48.0	35.4

RETURN of DEATHS, in the Weeks ending

Population, 1841.	Nov. 20th	Nov. 27th	Dec. 4th	Dec. 11th	Dec. 18th	Dec. 25th
1,948,425* London .....	1086	1677	2454	2416	1946	1247
300,711 West Districts .....	180	179	300	332	273	188
375,971 North Districts .....	167	267	422	482	415	260
373,653 Central Districts .....	205	319	530	458	314	195
392,444 East Districts .....	262	504	602	463	371	240
501,190 South Districts .....	272	408	600	681	573	364
74,779 Kensington .....	47	43	61	91	57	51
40,179 Chelsea .....	22	31	39	57	52	49
66,552 St. George, Hanover-sq. ....	36	32	44	56	44	38
56,712 Westminster .....	43	43	99	66	71	30
25,091 St. Martin-in-the Fields .....	18	11	27	25	15	14
37,398 St. James, Westminster .....	14	19	30	37	34	11
138,164 Marylebone .....	52	108	141	155	156	87
139,856 Pancras with Hampstead .....	78	94	164	210	150	106
55,690 Islington .....	28	40	80	74	73	40
42,261 Hackney .....	14	30	37	43	36	27
54,292 St. Giles and St. George .....	28	49	49	64	61	28
43,598 Strand .....	19	35	44	37	32	15
44,461 Holborn .....	30	28	93	56	47	28
56,756 Clerkenwell .....	33	42	77	75	47	31

RETURN of DEATHS, in the Weeks ending

Population, 1841.	Nov. 20th	Nov. 27th	Dec. 4th	Dec. 11th	Dec. 18th	Dec. 25th
49,829 St. Luke .....	25	35	68	52	26	31
39,655 East London .....	29	51	75	48	26	15
29,142 West London .....	21	39	64	61	40	25
55,920 City of London .....	20	40	60	65	35	22
83,432 Shoreditch .....	50	85	111	118	94	47
74,088 Bethnal Green .....	48	103	124	90	78	38
71,765 Whitechapel .....	53	113	134	88	78	70
41,350 St. George in the East .....	37	84	82	54	43	27
90,687 Stepney .....	66	98	115	88	54	39
31,122 Poplar .....	18	21	36	25	24	19
32,975 St. Saviour .....	24	28	57	60	43	24
18,479 St. Olave .....	21	37	39	38	21	35
34,947 Bermondsey .....	33	35	49	66	36	21
46,644 St. George, Southwark .....	30	55	65	64	66	32
54,606 Newington .....	26	40	66	92	85	37
115,888 Lambeth .....	63	83	117	135	128	66
39,868 Camberwell .....	12	30	52	51	38	31
13,917 Rotherhithe .....	8	19	32	24	12	6
80,997 Greenwich .....	34	59	98	105	112	77
39,855 Wandsworth .....	13	16	19	31	32	22
23,014 Lewisham .....	8	6	6	15	20	13

\* Includes 1366 Men on River, and 3090 Police on Duty.

DEATHS registered in LONDON, in corresponding series of weeks of eight years:—

No. of week.	46	47	48	49	50	51	52	Average of 7 weeks
1840	922	887	1112	1084	1081	1166	1402	1003
1841	827	918	877	797	821	822	1064	875
1842	911	880	909	840	991	853	1029	917
1843	1257	1215	1114	1014	994	995	1034	1089
1844	1085	927	1088	1001	1214	1406	1262	1140
1845	952	920	974	973	981	972	921	956
1846	930	980	958	1064	1177	1276	1282	1095
Average of 7 yrs	938	961	1005	968	1037	1071	1142	1024
1847	1098	1086	1677	2454	2416	1946	1247	1703

The mortality of Wandsworth and Clapham, and that of Lewisham and sub-district of Hampstead, are included in this table throughout the eight years.

DEATHS from Purpura or from Scurvy in LONDON;—

YEARS	Quarters of 13 weeks each, ending in				Total in the Year
	March	June	Sept.	Dec.	
1842	8	5	4	4	16
1843	2	1	6	4	13
1844	5	3	7	6	21
1845	2	4	11	8	25
1846	5	9	9	5	28
1847	16	25	20		

EXTRACTS FROM THE METROPOLITAN RETURNS OF THE PREVIOUS WEEK, No. 51.

(The tabular abstract on the first page is for the week ending Saturday, Dec. 25th. The following selection of cases is made from the returns for the week ending Dec 18th.)

RETURNS OF VIOLENT DEATHS, MADE CHIEFLY BY CORONER.

Fractures and Contusions:—	duration	Fractures and Contusions (continued):—	duration	Fractures and Contusions (continued):—	duration
In St. Bartholomew's Hospital, oil and colour-man, 51, delirium tremens, caused by a fall from a window in Fetter-lane, as he was endeavouring to escape from a fire .....	4 days	In Westminster Hospital, F. 68 (no inq.), exhaustion from sloughing of back, and shock of system after fractured thigh—knocked down accidentally in Marsham-street by a girl who was running .....	2 months	Labourer, 58, injuries caused by his having been accidentally crushed by the wheels of a luggage van .....	*
In London Hospital, carman, 30, accidental, from a blow on the head, by a fall from a cart in Bethnal-green .....	4 days	In Middlesex Hospital, son of a butcher, 11, crushing of the belly and chest by a waggon wheel against a wall, on trying to pass it. ....	52 hours	Carpenter, 38, concussion of the brain, from accidentally slipping off a ladder at work on a roof .....	35 hours
In London Hospital, labourer, 20, accidental from the fall of deals on his head at the West India Docks .....	*	In Middlesex Hospital, labourer 41, injury of the neck from falling under a dray, when in a fit of epilepsy .....	4 days	Wife of a gas-fitter, 48, injuries of the head and spine, from falling down stairs with a pail of water .....	3 days
In London Hospital, labourer, 33, accidental from a fall off a cart—a broken leg thereby, and erysipelas .....	2 months	In Middlesex Hospital, labourer, 41, rupture of the liver from an accidental fall .....	*	Wounds:—	
In London Hospital, carpenter, 40, fractured leg, and delirium tremens supervening—how injury caused unknown .....	*	In Middlesex Hospital, daughter of a labourer 7, from the effects of a compound fracture of the fore arm, caused by an accidental fall .....	*	Labourer, 63, suicide by cut throat with a large knife while insane .....	*
F. newly born, found dead, with marks of violence—no sufficient proof of an independent circulation after birth, or that the violence was intentional .....	*	In Middlesex Hospital, an artificial flower maker 20, died from injuries to the head caused by an accidental fall down stairs .....	*	In Middlesex hospital, a tailor, 51, erysipelas of throat and chest, from suicidal wounds in the throat, inflicted 6 days before with a pen-knife .....	*
M. 30, erysipelas, following a broken thigh, occasioned accidentally .....	1 month	In Middlesex Hospital, carman, 27, fracture of the skull, caused by an accidental fall from a hay loft .....	*	Drowning:—	
M. 37 (no inquest), injury of head in Russia—softening of the brain .....	*	A laundress, 55, accidental fall from a bench in a public house .....	*	M. 3, accidentally drowned in the water of a tank by falling therein .....	*
Engineer, 57 (post mort.), fracture of the skull by an iron shutter—wilful murder against Thomas Sales and others .....	6 days			M. 18, accidentally drowned in the river Thames .....	*
				M. about 25, found dead in the river Thames—no evidence as to how he came into the water .....	*

**Drowning (continued):—**

F. about 25, body so decomposed that it could not be examined—under water at least 6 months  
F. 19, drowned and suffocated herself—state of mind unknown.

Son of a painter, 10, drowning, jumped from a boat to the side of a barge, missed his hold.  
M. about 40, apparently drowned—no marks of violence—no identity or proof how he came into the water.

**Hanging and Suffocation:—**

Son of a cabinet-maker, 1, sudden death, which may have been accelerated by suffocation whilst eating.  
F. 7 months, accidentally smothered under a pillow in bed.  
Carpenter, 79, suicide by hanging himself with a rope to a beam in his workshop when in a state of insanity, caused by harsh measures adopted by a brother in levying a distress on his goods. . . . . instant

**Burns and Scalds:—**

In St. Bartholomew's Hospital, son of a kawker, 4, burnt, by his clothes taking fire whilst at play, at Shoreditch. . . . . 12 days

**Burns and Scalds (continued):—**

In Bartholomew's hospital, daughter of a brewer, 7, burnt, by her clothes taking fire by a cinder falling out of the fire, at St. Luke's 12 days  
In Bartholomew's hospital, daughter of a tailor, 6, burned by her clothes taking fire whilst at play. . . . . 6 hours  
In London hospital, F. 3, accidental from burns, clothes taking fire.  
In London hospital, cabinet-maker, 16, accidental from burns, clothes caught fire whilst he was in a fit in a privy. . . . . 1 day  
In London hospital, son of a paper-stainer, 10, accidental, from burns on the preceding day, by clothes catching fire in a room. . . . .  
In London hospital, cheesemonger's son, 2, accidental from burns, clothes taking fire. 1 day  
In London hospital, labourer's daughter, 5, accidental from burns, clothes catching fire. same day  
In London hospital, F. 9, accidental from burns, clothes taking fire. 1 day  
In London hospital, daughter of a shoemaker, accidental from burns, clothes catching fire same day  
In London hospital, a porter's daughter, 4, accidental from burns, clothes taking fire. \*  
In Westminster hospital, F. 93, burn of chest, arms, and legs; shawl took fire from a fire in the grate, when making breakfast. . . . . 4 hours

**Burns and Scalds (continued):—**

Victualler, 37, accidental from burns, from an explosion of gas. . . . . 6 months  
In Westminster hospital, F. 88, burn of chest and arms; bedgown took fire, when endeavouring to extinguish the burning clothes of her sister. . . . . 5 days

**Poison:—**

M. 35, suicide with arsenic—half an ounce taken in beer—lived 3 days—an habitual drunkard.  
An attorney's clerk, 49, laudanum, whether taken as a medicine or poison, unknown.  
Wife of a publican, about 30, suicide with essential oil of almonds while in an unsound state of mind.

**Means not Stated:—**

M. 37, suicide—temporary derangement, brought on from intemperance.  
M. 23, natural, after a few hours illness with sore throat, caught by exposure to a draught not treated medically.  
F. newly born, neglect at birth, and so wilfully murdered by persons unknown.  
M. 7mo. natural; violence was suspected but not proved.

DEATHS BY SMALL POX, SYPHILIS, MALFORMATION, HERNIA, DIABETES, STONE, CHILDBIRTH, DELIRIUM TREMENS, INTEMPERANCE, PRIVATION, PURPURA, HEMORRHAGE, HEMATEMESIS, ETC.

**Small Pox:—**

NOTE.—It should be stated in all cases whether vaccination had been performed with effect.

F. 2, small pox—previous vaccination. . . . . 7 days  
M. 16 months, confluent small pox. . . . . 14 days not vaccinated.  
F. 1, { small pox . . . . . 21 days  
          { pneumonia . . . . . 10 days not vaccinated.  
F. 11, natural small pox . . . . . 10 days  
F. 3 months, small pox. . . . . 9 days first attack—not vaccinated.  
M. 8, small pox (not vaccinated). . . . . 8 weeks  
M. 18 months, small pox . . . . . 8 days  
F. 3, small pox . . . . . 14 days without previous vaccination.  
F. 21 months, small pox . . . . . 11 days not vaccinated.  
M. 9, variola . . . . . 7 days after vaccination.  
M. 1, { variola . . . . . 7 days  
          { pneumonia . . . . . \* without previous vaccination.  
M. 18, small pox . . . . . 11 days first attack—not vaccinated.  
M. 3 weeks, small pox (not vaccinated). . . . .  
M. 15 months, small pox . . . . . \* was vaccinated about 7 weeks ago without effect; symptoms of the disease about 14 days before death.  
M. 8 months, small pox . . . . . \*  
F. 4 months, not vaccinated. . . . . \*

**Chicken Pox:—**

M. 6 months, chicken pox. . . . . 4 days

**Syphilis:—**

F. 27, { secondary venereal disease. . . . . \*  
          { severe disease of the bronchia and lungs  
F. 24, { syphilis—ulceration of larynx and trachea—oedema of glottis—died suffocated \*  
M. 8 months, syphilis . . . . . \*

**Malformation:—**

F. 2 weeks, spina bifida—convulsions. . . . . 5 hours  
M. 3 days, imperforate rectum—operation afforded temporary relief. . . . .  
M. 15 days, (post mort.), congenital contraction of the colon. . . . .  
F. 2, deformed chest—pneumonia—ill from birth \*

**Hernia, Diabetes, and Stone:—**

No deaths registered from these causes.

Childbirth:—The time elapsing from commencement of labour to death should invariably be returned.

F. 22, childbirth—puerperal fever . . . . . 8 days  
F. 27, { childbirth . . . . . 8 days  
          { puerperal peritonitis . . . . . 7 days  
          { childbirth . . . . . 28 days  
F. 24, { puerperal mania . . . . . 7 days  
          { bronchitis . . . . . 3 days  
F. 19, puerperal peritonitis—childbirth. . . . . 7 days  
F. 43, abortion—phlegmasia dolens. . . . . 3 days  
          { confined. . . . . 12 days  
F. 44, { acute pleuritis . . . . . 6 days  
          { effusion into the left pleura and pericarditis . . . . . 24 hours  
F. 33, { puerperal fever . . . . . \*  
          { uteritis . . . . . 3 days  
F. 32, { phlebitis . . . . . \*  
          { post parturition . . . . . 1 week  
F. 34, hæmorrhagia uteri . . . . . \* (query, in childbirth?).  
F. 37, childbirth. . . . . \*  
F. 40, phlegmasia dolens. . . . . 10 days  
F. 22, puerperal peritonitis . . . . . 30 hours (four days after childbirth).  
F. 31, (inquest), died in labour suddenly—natural.  
Childbirth and Disease:—  
F. 40, an epileptic patient . . . . . died in 10 days after delivery of a premature child.

**Delirium Tremens:—**

F. 46, { delirium tremens . . . . . 6 days  
          { epileptic fits . . . . . \*  
M. 39, delirium tremens . . . . . 1 month  
M. 30, delirium tremens . . . . . 8 days  
M. 48, delirium tremens . . . . . 10 days  
M. 42, { (p.m.) delirium tremens . . . . . \*  
          { disorganized liver. . . . . \*  
M. 65, delirium tremens . . . . . \*

**Delirium tremens and diseased Heart:—**

M. 33, (inquest), natural death from diseased heart, and delirium tremens. . . . . \*

**Intemperance:—**

M. 68, (inquest), inflammation of veins of left arm, caused by habits of drunkenness. . . . .  
M. 55, (inquest), whether from intoxicating liquors, natural disease, or an accidental fall—unknown.

**Privation:—**

F. 4 months, (inquest) natural; this was a supposed case of starvation, and it is registered as such on a Surgeon's certificate.

M. 52, (inquest), natural; bronchitis during great voluntary destitution.

**Want of Breast-milk:—**

F. 1 month, atrophy from want of breastmilk 3 weeks

**Purpura:—**

F. 1, purpura . . . . . 3 weeks  
M. 76, purpura. . . . . about 10 months

**Hæmorrhage:—**

F. 63, hæmorrhage and dropsy. . . . . \*  
F. 60, sudden death, from rupture of a blood vessel.

**Hæmatemesis:—**

M. 68, hæmorrhage from the bowels. . . . . \*

**Miscellaneous Causes:—**

In London Hospital, M. 25, (p.m.), purulent discharge from right ear since infancy, abscess in right hemisphere of cerebellum, caries of petrous portion of temporal bone.  
F. 50, fatigue and anxiety in attending a sick sister (not certified).  
F. 5, { tænia solium. . . . . about 6 months  
          { fever (2nd attack in 8 weeks). . . . . 17 days  
F. 40, (post mort.), consumption. . . . . 2 years both lungs studded with tubercles with a small cavity in the right one.  
M. 75, (inquest), effusion of serum into the pericardium, suddenly complained of difficult respiration and died in. . . . . 10 minutes  
F. 34, gastritis . . . . . 10 days at 48, Brick Lane, City Road, St. Luke—the husband of the deceased states, that a short time since they were trying some experiment at the gas works, which had turned the street doors of the houses, some of which had been newly painted, to lead colour, and that the gas from the works as well as the sewers is an intolerable nuisance.  
M. 37, chimney-sweeps' cancer and extensive ulceration into groin. . . . . 22 weeks and lastly into external iliac artery, being the immediate cause of death, 14 months after the removal of a portion of the scrotum for the same malady, he having in the interval (6 months), being quite free from the disease.  
F. 15 days, imperfect assimilation, purulent deposits in various parts of the body. . . . . \*

DEATHS BY INFLUENZA, REGISTERED IN THE WEEK (No. 51) ending Dec. 18th.

**PADDINGTON; St. John.**

M. 46, { emphysema pulmonum . . . . . 12 years  
          { influenza . . . . . 14 days  
F. 67, { nervous palsy . . . . . 3 years  
          { chronic bronchitis . . . . . 5 months  
          { influenza . . . . . 8 days  
F. 73, old age and influenza. . . . . 8 days  
F. 68, influenza . . . . . 4 days

**St. Mary.**

M. 77, influenza. . . . . \*  
F. 86, bronchitis—influenza. . . . . \*

**KENSINGTON; Fulham.**

F. 69, chronic bronchitis—influenza . . . . . \*  
F. 78, diarrhoea—influenza . . . . . \*

**St. Paul's, Hammersmith.**

M. 1, influenza—effusion on the lungs. . . . . \*

**Town.**

M. 54, exhausted nervous system—influenza—congestion of brain and lungs. . . . . 4 days  
M. 72, influenza. . . . .  
M. 4 mon., { influenza . . . . . 10 days  
          { pneumonia . . . . . 7 days  
M. 66, influenza—bronchitis . . . . . 2 weeks  
M. 45, influenza—pneumonia . . . . .  
F. 1, influenza . . . . . 1 week teething.

**Brompton.**

M. 86, influenza. . . . . 8 days  
F. 75, influenza . . . . . 10 days gastro-enteritis.

**CHELSEA; South.**

M. 60, { dropsy . . . . . 2 years  
          { influenza . . . . . 14 days  
M. under 1, croup—influenza . . . . .  
          { influenza . . . . . 8 days  
M. 60, { gastrodynia from an old ulcer in the leg which dried up. . . . .  
F. 81, influenza . . . . . about 2 weeks

**CHELSEA; North-west.**

M. 79, influenza. . . . . 4 days  
M. 3, { measles . . . . . 7 days  
          { influenza . . . . . 2 days  
F. 3, influenza . . . . . 1 week  
F. 66, influenza . . . . . 8 days  
F. 74, { influenza . . . . . 10 days  
          { cancer of breast . . . . . 12 years  
F. 62, influenza . . . . . 6 days  
F. 10 weeks, { bronchitis . . . . . 19 days  
                  { influenza . . . . .  
F. 84, influenza . . . . . 10 days

**North East.**

F. 10 weeks, influenza . . . . . 3 days  
F. 90, old age—influenza . . . . .

**St. GEORGE, HANOVER SQUARE; Hanover Square.**

M. 4, influenza . . . . . \*  
F. 58, influenza—chronic bronchitis . . . . . \*  
F. 39, influenza . . . . . \*

**Belgrave.**

M. 75, influenza. . . . . 1 week  
F. 66, bronchitis—epidemic catarrh . . . . .  
F. 60, pulmonary disease—influenza . . . . .

**WESTMINSTER; St. John.**

M. 48, { influenza . . . . . 8 days  
          { effusion on the chest . . . . . 6 hours  
F. 59, influenza . . . . . 13 days  
M. 44, { (inquest) natural—from consumption, 24 days  
          { and influenza . . . . . 2 days  
M. 39, influenza—typhus. . . . . 2 weeks

**St. Margaret.**

M. 34, influenza—exhaustion . . . . . 3 days  
M. 63, influenza, with acute pleuritis and bronchitis . . . . . 3 weeks  
M. 25, influenza. . . . . 3 weeks  
F. 34, consumption—influenza . . . . .  
          { influenza . . . . . 9 days  
F. under 1, { pneumonia . . . . . 1 week

**St. MARTIN-IN-THE-FIELDS; Charing Cross.**

M. 23, influenza—pneumonia . . . . . 8 days  
M. 26, influenza—pneumonia . . . . . 8 days  
F. 71, influenza—pneumonia . . . . . 10 days

**St. JAMES', WESTMINSTER; Berwick Street.**

M. 2, { disease of lungs . . . . . 6 weeks  
          { influenza . . . . . 9 days  
F. 8, (p.m.) { scarlatina . . . . . 3 weeks  
                  { influenza . . . . . 2 weeks congestion of kidneys.

**Golden Square.**

F. 62, influenza—bronchitis . . . . . \*  
M. 1, { influenza . . . . .  
          { pneumonia . . . . . 12 days

**St. James' Square.**

M. 54, influenza. . . . . \*  
M. 60, influenza. . . . . a few days

**St. MARYLEBONE; All Souls.**

M. 66, influenza. . . . . 10 days

**Cavendish Square.**

M. 59, { dropsy . . . . . 6 months  
          { influenza . . . . . 4 days  
F. 76, influenza . . . . . 1 week

**The Rectory.**

M. 44, influenza—bronchitis . . . . . \*  
F. 36, influenza . . . . . 14 days  
F. 63, influenza . . . . . 3 weeks  
F. 41, influenza . . . . . 1 week  
M. 60, influenza—bronchitis . . . . .  
F. 79, influenza—bronchitis. . . . .  
F. 68, influenza—bronchitis. . . . .

**St. Mary.**

M. 1, influenza . . . . . 15 days  
M. 56, { emphysema . . . . . 10 years  
          { influenza . . . . . 12 days  
M. 3, { bronchitis . . . . . 2 months  
          { influenza . . . . . 14 days  
F. 80, influenza—bronchitis. . . . . 6 days  
F. 80, influenza . . . . . 14 days

# METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH,

During the Week ending Saturday, 25th December, 1847.

Day.	Phases of the  1847	Mean height of the Barometer, from 12 Observations, (corrected and reduced to 32 degrees Fahrenheit.)	Readings of Thermometers										Difference between the Dew Point Temperature and Air Temperature				Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 25 years	WIND						Mean Amount of Cloud, 0-10	Rain in inches, read at 9 o'clock the next morning
			Dry.			Dew Point	Highest in the sun, as shown by a self-regis- ter- ing Thermometer	Lowest on the grass, as shown by a self-regis- ter- ing Thermometer	In the Water of the Thames at Greenwich, by the self- registering Thermometer, read at 9 o'clock next morning		Mean of 13 Days	Greatest	Least	Diff.	General Direction			Pressure in lbs. on the square foot		Amount of Horizontal Movement of the Air in each day					
			High- est from 12 Obs.	Low- est from 12 Obs.	Mean from 12 Obs.				Mean from 13 Days	Highest					Lowest	A.M.		P.M.	Greatest		Least	Mean of 13 Obs.			
DECEMBER,		in.	°	°	°	°	°	°	°	°	°	°	°	°	°	S.	S.E. and Calm	lbs.	lbs.	lbs	Miles				
SUN.	19						—	29.2	45.2	45.0								0.0	0.0	0.0	6.5	7.0	0.00		
MON.	20		29.553	41.5	34.5	38.1	35.6	—	29.0	45.0	43.0	2.5	4.5	0.5	— 2.9	E.N.E. and Calm	N. by E. and Calm	0.0	0.0	0.0	60	10.0	0.00		
TUES.	21	Greatest Declination N. Full	29.504	34.0	31.8	32.7	27.7	—	22.0	43.5	40.8	5.0	7.9	2.8	— 7.3	Calm	Calm	0.0	0.0	0.0	10	10.0	0.00		
WED.	22		29.689	5.0	32.7	33.6	29.7	—	30.0	43.0	39.0	3.9	5.0	3.4	— 5.6	Calm	Calm	0.0	0.0	0.0	5	10.0	0.00		
THU.	23		29.738	38.0	32.0	34.7	31.7	—	29.0	41.0	38.0	3.0	5.3	1.6	— 4.7	Calm	Calm	0.0	0.0	0.0	45	10.0	0.01		
FRI.	24		29.769	39.8	36.2	37.8	35.3	—	33.0	40.0	37.2	2.5	4.3	1.3	— 0.6	Calm	N. by E. and Calm	1.0	0.0	0.0	40	10.0	0.01		
SAT.	25		[Christmas Day.]					—	34.0	59.0	37.0					N. by E. and Calm	Calm	1.5	0.0	0.0	70	10.0	0.01		
MEANS			29.651	37.7	33.4	35.4	32.0	—	29.5	42.4	40.0	3.4	5.4	1.9	— 4.2	Calm.					Sum 29.5	9.6	Sum 0.03		

DAY	ELECTRICITY	GENERAL REMARKS
SUN.	Nothing was shewn during the morning. Positive and tension moderate in the afternoon.	The sky was generally about one-half covered with cirri, fleecy clouds and scud till 4h. p.m., and overcast during the remainder of the day.
MON.	Positive and tension moderate from 2h. a.m., to 5h. a.m., and tension strong from 4h. p.m. till midnight. Nothing was shewn at any other times.	Overcast throughout the day. The magnets were disturbed during the day.
TUES.	Positive and tension strong throughout the day, except at about 7h. a.m., when nothing was shewn.	Overcast throughout the day. The magnets were disturbed during part of the day.
WED.	Nothing was shewn from 5h. a.m. till 8h. a.m. At other times it was positive with strong tension.	Overcast throughout the day.
THURS.	Positive and tension strong throughout the day.	Overcast throughout the day. Fine rain began to fall shortly before midnight.
FRID.	Negative and tension moderate at 5h. 20m. p.m. during rain. At other times it was positive, and tension generally strong.	Overcast throughout the day. A fine rain was falling occasionally.
SAT.	Positive but tension weak at each examination.	Overcast throughout the day. A fine rain was falling occasionally.

## REMARKS ON THE WEATHER DURING THE WEEK ENDING DECEMBER 25, AS OBSERVED AT BLACKHEATH.—By MR. GLAISHER.

On Sunday, December 19, the temperature of the air early in the morning was 30°, which increased to 49° by 1h. p.m., and decreased to 40° by 7h. p.m.; after which time it slightly increased, and was 41° at midnight. On Monday it decreased slowly throughout the day, from 41° early in the morning to 35° at midnight, and continued to decrease till 7h. on the morning of Tuesday, at which time it was 32°, it then slightly increased to 34° at 3h. p.m., after which it decreased to 33° by 10h. p.m., and increased to 33° by midnight. On Wednesday, December 22, there was only a change of 2° in the temperature of the air throughout the day, and its average value was 32° 3, being 19° 2 less than that of the 17th instant. On Thursday, December 23, the temperature of the air was 33° in the morning, which increased to 38° by 1h. p.m., and decreased to 35° at 4h. p.m., from which time it increased to 37° 5 by midnight. On Friday the temperature of the air increased from 37° 5 early in the morning to 40° at 1h. 30m. p.m., from this time it decreased to 36° at 9h. p.m., and then increased to 38° by midnight. On Saturday, December 25, the temperature of the air was 38° 5 in the morning, which increased to 40° by 3h. p.m., and it remained at this value without any change till midnight.

From these remarks it will be seen that the usual diurnal rise and fall of temperature has only taken place on one day this week, viz., on Sunday, December 19.

The average temperature for each day was as follows:—

Sunday, 39° 6; Monday, 37° 8; Tuesday, 33° 3; Wednesday, 32° 3; Thursday, 35° 7; Friday, 38° 2; and Saturday, 38°. The difference of temperature during each day from Monday has been very small; it was as follows:—Monday, 5° 5; Tuesday, 2° 5; Wednesday, 3° 5; Thursday 5° 3; Friday, 4° 3; and Saturday, 4°. The period between Sunday, December 19, at 7h. p.m., and Saturday, December 25, at midnight, was remarkable, on account of the great uniformity of temperature, the extremes between these times were 30° 5 and 40° 5, and during this period the sky was wholly covered by cirrostratus and scud; and with the exception of the moon having been seen on Friday morning for a few minutes only, no celestial object whatever has been seen during the week.

The average temperature of the dew point on each day has been as follows:—

Sunday, 36° 6; Monday, 35° 3; Tuesday, 30° 3; Wednesday, 30° 8; Thursday, 29° 2; Friday, 36° 2; and Saturday, 36°. The average amount of water contained within a cubic foot of air was as follows:—Sunday 2.7 gr.; Monday 2.7 gr.; Tuesday 2.2 gr.; Wednesday 2.3 gr.; Thursday 2.1 gr.; Friday 2.7 gr., and Saturday 2.7 gr. The air has been in gentle motion throughout the week, its direction on Monday changed to N., and since then it has passed from E.N.E.; N.N.E.; E.S.E. and E., but during Wednesday and Thursday the air was nearly in a calm state. The weather during this week is very different from that of the preceding week, both with respect to its temperature and humidity, as well as in the direction of the wind.

The following table shows the comparative Meteorology since the year 1841.

Week ending December 25.	In the Years,						Excess or deficiency in the Year 1847, above or below that in the Years*					Mean values less in the Year 1847
	1842	1843	1844	1845	1846	1847	1842	1843	1844	1845	1846	
Temperature of the Air	44.3	45.8	33.7	38.1	35.2	36.4	-7.9	-9.4	+2.7	-1.7	-1.8	3.6
Temperature of the Dew Point	42.6	44.0	29.2	34.4	36.1	33.5	-9.1	-10.5	+4.3	-0.9	-2.6	4.4
	gr.	gr.	gr.	gr.	gr.	gr.	gr.	gr.	gr.	gr.	gr.	gr.
Mean Amount of Water in a Cubic Foot of Air	3.4	3.5	2.2	2.5	2.7	2.5	-0.9	-1.0	+0.3	0.0	-0.2	0.4

\* In reading this table, it will be borne in mind that the minus sign (-), implies that the following number is read thus:—the temperature of the week ending December 25, 1847, was 7.9 below the temperature of the corresponding week of 1842, &c., &c.



## LONDON.

## SUMMARY OF THE WEEKLY TABLES OF MORTALITY

FOR

1847.\*

1841—POPULATION—Males, 912,028—Females, 1,036,397—Total, 1,948,425.

1847—DEATHS—Males, 30,347—Females, 30,095—Total, 60,442.



ANNUAL SERIES.—VIII.

PUBLISHED BY AUTHORITY OF THE REGISTRAR GENERAL.

District.	Area in Sq. Miles.	Population in 1841.	Deaths in 1841.	* ANNUAL MORTALITY PER CENT.												Mean of 10 Years.	Living in 1841.
				1841.	1842.	1843.	1844.	1845.	1846.	1847.	1848.	1849.	1850.	1851.	1852.		
West.	17.3	1,74	380,111	8,541	2,369	2,317	2,367	2,277	2,198	2,318	2,318	2,318	2,318	2,318	2,318	43	43
North.	20.5	2,61	375,071	11,449	2,363	2,374	2,339	2,181	2,231	2,353	2,353	2,353	2,353	2,353	2,353	42	42
Central.	2.8	48	373,623	10,013	2,363	2,374	2,339	2,181	2,231	2,353	2,353	2,353	2,353	2,353	2,353	38	38
East.	8.8	139	305,114	13,112	2,103	2,103	2,103	2,103	2,103	2,103	2,103	2,103	2,103	2,103	2,103	39	39
South.	66.2	1,90	401,190	16,007	2,476	2,505	2,637	2,432	2,519	2,615	2,615	2,615	2,615	2,615	2,615	40	40
Total.	115.6	1,55	1,948,425	60,442	2,381	2,418	2,418	2,379	2,379	2,418	2,418	2,418	2,418	2,418	2,418	40	40

\* The Annual Mortality is deduced from the population of 1841 corrected for increase, and from the deaths corrected for the difference between 364 and 365,26365 days.  
† The Summary of the Weekly Tables for the Year 1847 contains the deaths during 52 weeks; in this calculation a correction has been made for the difference between 365,26365 and 371 days.  
‡ Includes 1366 Men on River, and 3000 Police on Duty.

WEEKS ENDING	JANUARY				FEBRUARY				MARCH				APRIL				MAY				JUNE				JULY				AUGUST				SEPTEMBER				OCTOBER				NOVEMBER				DECEMBER				JAN. 1848.				NUMBER OF DEATHS REGISTERED IN THE												YEAR																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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